

Also, that the colours of the undermentioned leading lights should be amended on the chart as follows :—

- a. On Middle sand, the rear light situated about 2 miles eastward of south-east point of Flat island, should be *white*, not red, and the front light, 3 cables westward of it, should be *red* and *white*, showing white to the northward and red to the westward.
- b. On Rundle spit, the rear light, situated about 7 cables eastward of the south-east point of Flat island, should be *white*, not red, and the front light, 4 cables north-eastward of it, should be *red* and *white*, showing red to the north-eastward and white to the north-westward. (*Notice No. 176 of 1901.*)

Approximate position of Flat island, south-east point, lat. $23^{\circ} 32\frac{1}{2}'$ S., long. $150^{\circ} 52\frac{1}{2}'$ E.,

This Notice affects the following Admiralty Chart:—Keppel bay, &c., No. 363: Also, List of Lights, part VI, 1901, page 213; Austratia Directory, vol. II, 1898, page 195; and Supplement, 1900, pages 9, 10.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 96.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Simalur island—Reefs reported—Name of West point.

THE British Admiralty has given notice (No. 178 of 1901) that the following reefs exist off the south-east and north-west coasts of Simalur island :—

- a. A patch of discoloured water of considerable extent, situated with Belayar rock just open of Tanjong Lentang bearing N. 20° E., the point distant about $3\frac{1}{2}$ miles, in approximately lat. $2^{\circ} 18\frac{1}{2}'$ N., long. $96^{\circ} 28\frac{1}{2}'$ E.
Soundings of 6 and 8 fathoms were obtained on this patch, but there is probably shallower water on it.
- b. A reef of live coral and sand, with a depth of 17 feet over it, is situated midway between Simalandan rock and Laban on the south shore of Simalandan bay in approximately lat. $2^{\circ} 48' 25''$ N., long. $95^{\circ} 47' 10''$ E.

The point situated in approximately lat. $2^{\circ} 46\frac{1}{2}'$ N., long. $95^{\circ} 44\frac{1}{2}'$ E., is known locally as Tanjong Loban. (*Notice No. 178 of 1901.*)

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Acheh head to Tyngkok bay, No. 2760; Simalur island on sheet No. 2201: Also, China Sea Directory, vol. I, 1896, pages 317, 319, and Supplement, 1899, pages 25, 28.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 97.

[First Publication.]

EASTERN ARCHIPELAGO—GREYHOUND STRAIT.

Taliabu island, west coast—Discoloured water reported.

THE British Admiralty has given notice (No. 180 of 1901) that discoloured water, apparently about 2 miles in extent, is reported to exist about 3 miles westward of the west

coast of Taliabu island in approximately lat. $1^{\circ} 51' S.$, long. $124^{\circ} 15' E.$ (*Notice No. 180 of 1901*)

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also, Eastern Archipelago, part II, 1893, page 364; and Eastern Archipelago, part I, 1890, page 401.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 98.

[First Publication.]

CHINA, EAST—THE PHILIPPINES—LUZON, WEST COAST.

Hermana Mayor island—Shoal extending from—.

THE British Admiralty has given notice (No. 183 of 1901) that a shoal, with a depth over it of 5 fathoms, extends about $1\frac{1}{4}$ miles westward from the south point of Hermana Mayor island, entrance to Dazol bay. (*Notice No. 183 of 1901.*)

Approximate position, lat. $15^{\circ} 46\frac{1}{2}' N.$, long. $119^{\circ} 46' E.$

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454: Also, China Sea Directory, vol. II, 1899, page 318; and Eastern Archipelago, part I, 1890, page 47.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 99.

[First Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

Gray Feather bank—Depth on, soundings to the eastward.

THE British Admiralty has given notice (No. 184 of 1901) that a sounding has been obtained of 5 fathoms on the Gray Feather bank, Caroline islands.

Approximate position, lat. $8^{\circ} 10' N.$, long. $148^{\circ} 45' E.$

Also, that in lat. $8^{\circ} 40' N.$, long. $149^{\circ} 2' E.$, he obtained a sounding of 24 fathoms, and continued to get that depth until in lat. $8^{\circ} 10' N.$, long. $149^{\circ} 17' E.$, when there was no bottom at 30 fathoms.

It seems not improbable that the Gray Feather bank is of considerable extent, and that the depth of 5 fathoms was obtained on a patch near its edge. (*Notice No. 184 of 1901*)

This Notice affects the following Admiralty Charts:—Pacific, No. 781; Caroline islands, No. 980: Also, Pacific island, vol. I, 1900, page 428.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 100.

[First Publication.]

PACIFIC OCEAN.

Sailing directions for the Pacific islands.

WITH reference to Notice to Mariners No. 281, dated 3rd November 1900, issued by this office, the British Admiralty has given notice (No. 185 of 1901) that, on 1st March 1901, Volume 2 of the Sailing Directions for the Pacific islands was issued, and consequently all Hydrographic Notices and Supplements relating to those Sailing Directions, remaining portions of the old editions of Vol. I, 1890, Vol. I, part II, 1893, and Vol. II, 1891, which remained in force on the recent publication of new edition of Vol. I and Vol. III, are now cancelled, as well as pages 191 to 264 of China Sea Directory, Vol. IV, 1894. The Sailing Directions for the Kermadec islands will be included in the New Zealand Pilot, which will be ready for issue about June next. (Notice No. 185 of 1901.)

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 101.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Susu Susu bay—Dangers reported.

THE British Admiralty has given notice (No. 187 of 1901) of the existence of the following dangers in the bay of Susu Susu:—

- (a) Breakers were observed at a distance of $4\frac{1}{2}$ cables S. 20° W. from the southern extreme of Karang San Kalan. From it Susu Susu beacon bears N. 17° W., distant $1\frac{3}{4}$ miles. A shoal of 3 fathoms has been placed on the Chart in this position in consequence.
- (b) A small coral reef about 100 yards in extent with a depth over it of 4 fathoms exists with Susu Susu beacon bearing N. 2° E., distant $2\frac{3}{4}$ miles.
- (c) A rock with less than two fathoms over it exists with Gulau Kaju (Pulo Kio) extreme bearing S. 81° E., distant $6\frac{1}{2}$ cables, and Pulo Kaju reef S. 13° E. (Notice No. 187 of 1901.)

Approximate position, lat. $3^{\circ} 43\frac{1}{2}'$ N., long. $96^{\circ} 45'$ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyngkok bay, No. 2760; Also, China Sea Directory, vol. I, 1896, pages 269, 270; and Supplement, 1899, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 79.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

New light-house on Pipon island.

THE Port Master, Brisbane, has given notice (No. 3 of 1901) that it is anticipated that on and after the 7th March the light will be exhibited from the new tower erected on South Pipon Island, particulars concerning which are given in Notice No. 12 of 1900.

Further notice will be given when the actual date is definitely fixed.

Chart affected, 2922; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 80.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA.

Batavia—Experimental lights exhibited near Observatory.

THE British Admiralty has given notice (No. 151 of 1901) that occulting lights are being exhibited for experimental purposes from a temporary structure, elevated 56 feet above high water, erected near the Observatory, Batavia.

These lights, except when obscured by trees, are visible out at sea, but their character will be purposely made to differ as much as possible from the permanent light (*fixed and flashing*) on the Mole to prevent their being mistaken for it. (*Notice No 151 of 1901.*)

Approximate position, lat. $6^{\circ} 7\frac{1}{2}'$ S., long. $106^{\circ} 48\frac{1}{2}'$ E.

This Notice temporarily affects the following Admiralty Chart:—Batavia roads, No 935; Also, List of Lights, part VI, 1901, page 81, Eastern Archipelago, part II, 1893, page 96; and Supplement, 1899, page 10.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 81.

[Second Publication.]

AFRICA, NORTH-EAST—RED SEA.

Kamaraan harbour approach—Shoal in Quarantine anchorage.

THE British Admiralty has given notice (No. 154 of 1901) of the existence of a shoal patch 100 yards long by 20 yards wide, with a least depth over it of 13 feet, in the Quarantine anchorage, Kamaraan; it is situated with North point bearing S. 37° W., distant $5\frac{1}{2}$ cables, and Mosque with 3 domes, N. 68° W. (*Notice No. 154 of 1901.*)

Approximate position, lat. $15^{\circ} 21'$ N., long. $42^{\circ} 36\frac{1}{2}'$ E.

A cask, painted white, was moored temporarily in a depth of 4 fathoms on the south-east edge of the shoal.

(*Variation 3° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Kamaraan passage, No. 543; Also, Red Sea Pilot, 1900, page 313.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 82.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF APPROACH.

Neptune island—Intended light.

THE British Admiralty has given notice (No. 156 of 1901) that it is intended to exhibit in October next a light of the First order from a lighthouse now in course of construction on South Neptune island, Spencer gulf approach. (*Notice No. 156 of 1901.*)

Approximate position, lat. $35^{\circ} 20'$ S., long. $136^{\circ} 7'$ E.

Further Notice of the particulars of the light and date of exhibition will be given.

This Notice affects the following Admiralty Charts:—Pacific ocean, No. 780; Australia, No. 2759b; Gulf of St. Vincent, &c., No. 2389a; Also, List of Lights, part VI, 1901, No. 1063a; Australia Directory, vol. I, 1897, page 169; and Supplement, 1900, page 12.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 83.

[Second Publication.]

EASTERN ARCHIPELAGO—LOMBOK.

Ampenan road—Reef reported, river entrance closed.

THE British Admiralty has given notice (No. 158 of 1901) that a reef (on which the depth is only 9 feet), 100 yards long N. 24° W. and S. 24° E., and 50 yards broad, is reported to exist in Ampenan road, with Ampenan lighthouse bearing S. 33° E., distant 11 cables. (Notice No. 158 of 1901.)

Approximate position, lat. 8° 33' S., long. 116° 3' E.

Depths of 10 fathoms surround this reef.

Also, that the entrance to the South Meninting river is closed.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, No. 1654; plan of Ampenan road on sheet No. 895; Also Eastern Archipelago, part II, 1893, page 228; and Supplement, 1899, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 84.

[Second Publication.]

AFRICA, NORTH-EAST—RED SEA—FARISAN ISLANDS.

Reef reported to the southward of Dumsuk island.

THE British Admiralty has given notice (No. 162 of 1901) that a reef is reported to exist about 7 miles south-eastward of Dumsuk island, Farisan islands, in approximately lat. 16° 26' 0" N., long. 42° 4' 35" E. A rock with less than 6 feet over it has been placed on the Chart in this position. (Notice No. 162 of 1901.)

This Notice affects the following Admiralty Chart:—Red sea, No. 8d: Also, Red Sea, &c., Pilot, 1900, page 328.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 85.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Batu islands—Reefs reported to the northward of Pulo Pinie.

THE British Admiralty has given notice (No. 165 of 1901) that the following reefs are reported to exist off the northern coast of Pulo Pinie, Batu islands:—

- a. A reef, with a depth of 4 fathoms on it, situated with Batu Belobang bearing S. 38° W., distant 8 miles, and northern extreme of Pulo Pinie S. 70° E.

Approximate position, lat 0° 15' N., long. 98° 35½' E.

- b. A reef, with a depth over it of 4 fathoms, situated with Batu Belobang bearing S. 22° W., distant 5½ miles, and northern extreme of Pulo Pinie S. 79° E.

- c. A reef, with a depth of 4 fathoms on it, situated with Batu Belobang bearing S. 3° W., distant 4¼ miles, and northern extreme of Pulo Pinie S. 82° E.

These reefs are each estimated to be about 8 cables in extent. (Notice No. 165 of 1901.)

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay No. 2760: Also, China Sea Directory, vol. I, 1896, pages 323, 324.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 86.

[Second Publication.]

AUSTRALIA—VICTORIA.

Port Phillip entrance, west channel—Alteration in buoyage.

WITH reference to Notice to Mariners No. 43, dated 16th February 1901, issued by this office, the British Admiralty has given further notice (No. 168 of 1901) that the alteration in the buoyage and lighting of the West channel to port Phillip has been effected, and that consequent thereon:—

Port Hand buoys.—The character of these buoys remains as before (black can), except that the light-buoy marking the southern end of Swanspit having been replaced by a black can buoy is now marked No. 3, and the buoys to the northward of it have in consequence been respectively renumbered 5, 7, 9, in place of their original numbers 3, 5, 7.

Middle Ground buoys.—The light-buoy marking the south-western end of Royal George shoal has been painted in red and white horizontal bands and is named No. 1 Royal George gas buoy.

Approximate position, lat. $38^{\circ} 16' S.$, long. $144^{\circ} 41\frac{1}{2}' E.$

The light-buoy marking the north-eastern end of the same shoal has been painted in red and white horizontal bands and named No. 2 Royal George gas buoy.

The starboard hand-buoys remain as before.

The white occulting light has been established on Popes eye fort, and will be known as No. 2 gas beacon. (*Notice No. 168 of 1901.*)

This Notice affects the following Admiralty Chart:—Port Phillip entrance, Nos. 1171a, 2747a; Also, Australia Directory, vol. I, 1897, pages 448, 449; and Supplement, 1900, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 87.

[Second Publication.]

CHINA—YANG TSE KIANG.

Tsung Ming crossing—Decreased depths.

WITH reference to Notice to Mariners No. 310, dated the 7th December 1900, issued by this office, the British Admiralty has given further notice (No. 169 of 1901) that soundings obtained from his vessel on 31st December 1900 and 4th January 1901 indicate that the depths in Tsung ming crossing (the Swathway to the northward of the Tsung ming bank) have decreased by about one fathom. A note to this effect has been placed on the chart. (*Notice No. 169 of 1901.*)

Approximate position, lat. $31^{\circ} 30' N.$, long. $121^{\circ} 31' E.$

This Notice affects the following Admiralty Chart:—Yang tse Kiang, No. 1602; Also, China Sea Directory, vol. III, 1894, pages 418, 419, 446; and Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 70.

[Third Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

Tareti island beacon destroyed.

THE British Admiralty has given notice (No. 130 of 1901) that Tareti island beacon which has been destroyed by bad weather will not be replaced.

Tareti island is now higher than formerly, and it is proposed to plant trees on it. (Notice No. 130 of 1901.)

Approximate position, lat. $22^{\circ} 23\frac{1}{2}'$ S., long. $166^{\circ} 38\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—*New Caledonia*, No. 936b; *Uen island to St. Vincent bay*, No. 2907; *Also, Pacific islands*, vol. I, part II, 1893, page 38; and *Pacific islands*, vol. II (now in press), page 310.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 71.

[Third Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

Nepui bay—Beacon erected.

THE British Admiralty has given notice (No. 131 of 1901,) that a white beacon with a ball as a topmark has been erected on the one foot rock on the eastern side of the entrance to Nepui bay, port Muco. From it the beacon on Nepui peninsula bears N. 61° E., distant $1\frac{1}{4}$ cables, and Observation rock S. 22° W. (Notice No. 131 of 1901.)

Approximate position, lat. $21^{\circ} 20'$ S., long. $164^{\circ} 58\frac{1}{2}'$ E.

(Variation 10° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—*New Caledonia*, No. 936b; *Also, Pacific islands*, vol. I, part II, 1891, page 73; and *Pacific islands*, vol. II (now in press), page 330.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 72.

[Third Publication.]

GULF OF ADEN—ADEN HARBOUR.

Signals made by Pilot.

THE British Admiralty has given notice (No. 134 of 1901) that after the 1st February 1901 a blue light will be burnt by the pilot when his boat leaves the light vessel at Aden, after which he will flash a white light at frequent intervals.

These signals will show the position of the boat and facilitate the embarkation of the pilot. (Notice No. 134 of 1901.)

This Notice affects *Red Sea and Gulf of Aden Pilot*, 1900, page 350.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 73.

[Third Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT.

Perak river approach—Position and particulars of Rosa rock.

WITH reference to Notice to Mariners No. 269, dated the 20th October 1900, issued by this office, the British Admiralty has given further notice (No. 138 of 1901) that Rosa rock has a depth of $1\frac{1}{4}$ fathoms over it, low-water springs, and is situated with the islet, 163 feet (pulo Payong), bearing N. 53° W., distant 6 cables, and pulo Kembia summit S 50° W. (*Notice No. 138 of 1901.*)

Approximate position on Chart No. 1009, lat. $4^{\circ} 34'$ N., long. $100^{\circ} 34\frac{1}{4}'$ E.

(*Variation 3° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Butang group to Pulo Berhala, No. 793; approaches to Perak river, No. 1009; Also, China Sea Directory, vol. I, 1896, page 166.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 74.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON.

Balintang channel—Shoal soundings obtained.

THE British Admiralty has given notice (No. 139 of 1901) that broken water was seen, and the following line of soundings obtained from the U.S.S. *New Orleans* steering to the northward in the Balintang channel, north coast of Luzon:—

150 fathoms, no bottom, in lat. $19^{\circ} 40'$ N., long. $121^{\circ} 28'$ E., then 20 fathoms hard bottom, 54 fathoms rock, 38 fathoms rock, 54 fathoms coral, and finally 100 fathoms no bottom, in lat. $19^{\circ} 47'$ N., long. $121^{\circ} 26'$ E.

The soundings were obtained at about equal intervals between these two positions.

The broken water may be only a tide rip, but it is possible that shoaler water exists, as this break was seen by the same vessel on a previous occasion in the vicinity. (*Notice No. 139 of 1901.*)

This Notice affects the following Admiralty Charts:—China Sea, No. 2661b; Luzon island, northern portion, No. 2454; Also, China Sea Directory, vol. 3, 1894, pages 228, 229; and Supplement, 1898, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 75.

[Third Publication.]

CHINA—SHAN TUNG—KYAU CHAU BAY.

Beacons marking telegraph cable.

THE British Admiralty has given notice (No. 142 of 1901) that two white wooden beacons, each 39 feet high, with rectangular topmarks, have been erected in Clara bay, Kyau Chau bay entrance, to mark the approximate direction of the submarine cable to Shanghai.

The exact position of these beacons is not stated, but the front beacon on the western side of the bay is elevated 88 feet above high water, and the rear beacon, elevated 269 feet above high water, is situated about $1\frac{1}{2}$ cables N 22° E. from it.

Vessels are forbidden to anchor eastward of the two beacons in line. (*Notice No. 142 of 1901.*)

Approximate position of Clara bay, lat. $36^{\circ} 3' N.$, long. $120^{\circ} 20' E.$

This Notice affects the following Admiralty Chart:—Kyau chau bay, No. 857: Also, China Sea Directory, vol. III, 1894, page 526; and Supplement, 1898, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 76.

[Third Publication.]

CHINA—SHAN TUNG—KYAU CHAU BAY.

Arcona islet—Light exhibited.

THE British Admiralty has given notice (No. 143 of 1901) that a *red fixed* light, elevated 72 feet above high water, and visible from the bearing of $N. 65^{\circ} W.$ through north and east, to $S. 20^{\circ} E.$, is exhibited on the islet, now named Arcona, situated $3\frac{1}{2}$ cables $S. 22^{\circ} E.$ from Tsin Tau pier head. (*Notice No 143 of 1901.*)

Approximate position, lat. $36^{\circ} 3' N.$, long. $120^{\circ} 19' E.$

(*Variation 3° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Kyau chau bay, No. 857: Also, List of Lights, part VI, 1901, page 134; China Sea Directory, vol. III, 1894, page 526; and Supplement, 1898, page 28.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 77.

[Third Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

Suk or Pulusuk, Pozoat—Reefs and tides in the vicinity of—.

NOTICE TO MARINERS No. 146 of 1901 issued by the British Admiralty is republished.

The following information, dated 20th November 1900, has been received from Mr. J. G. Hitchfield, commanding the schooner *Queen of the Isles*, respecting the reefs and tides in the vicinity of Suk, and Pozoat, Caroline Islands:—

- a. Mr. Hitchfield states that the Susanne reef, Pulusuk island, and the shoal reported in 1886, are connected together by a bank on which there is a depth of 12 fathoms or less. The tide is said to run strongly over this bank, the flood setting to the eastward and the ebb to the westward.

Approximate position, lat. $6^{\circ} 55' N.$, long. $149^{\circ} 15' E.$

- b. The Uranie bank is said to be connected to Pozoat island.

Approximate position, lat. $7^{\circ} 22' N.$, long. $149^{\circ} 25' E.$

- c. A bank, now called Hitchfield bank, with a depth over it of 11 fathoms or less, and 4 or 5 miles in diameter, was passed over in lat. $7^{\circ} 46' N.$, long. $149^{\circ} 42' E.$ (*Notice No. 146 of 1901.*)

This Notice affects the following Admiralty Charts:—Pacific, No. 781; Caroline islands, No. 980: Also, Pacific islands, vol. I, 1900, page 429.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 78.

[Third Publication.]

GULF OF ADEN—ADEN HARBOUR.

Alteration in position of Marbut shoal light-vessel.

THE following Notice to Mariners (No. 16 of 1901) issued by the Bombay Government is republished :—

Information has been received from the Port Officer, Aden, dated 28th February 1901, that the Ras Marbut Shoal light vessel will be shifted from its present position 600 feet N. by W. (true) on to the edge of the deep channel on March 1st, 1901.

This Notice affects Chart No. 7, Aden and adjacent Bays, and Red Sea and Gulf of Aden Pilot, 1892, 4th Edition, page 381, and Light List, Part VI, 1900, No. 131.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, APRIL 17, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 102.

[First Publication.]

INDIA, EAST—MADRAS COAST.

Kistna light.

WITH reference to Notice to Mariners No. 125 (1), dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 6 of 1901) that the double-flashing white light referred to in paragraph 1 thereof will, on and after the 1st May 1901, be exhibited from a masonry tower on the Goleonda Coast between False Point Divi and Point Divi—Latitude $15^{\circ} 47' N.$, Longitude $80^{\circ} 59' E.$ The light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

2. On the date of the exhibition of this light, the fixed white light now displayed on Point Divi will be discontinued, but its tower will be maintained as a landmark.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 103.

[First Publication.]

INDIA, WEST—MALABAR COAST.

South Canara—Kaph light.

WITH reference to Notice to Mariners No. 124 (1), dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 7 of 1901) that the triple-flashing white light referred to in paragraph 1 thereof will, on and after the 1st June 1901, be exhibited from a masonry tower on a rock near to the Kaph ruined battery—Latitude $13^{\circ} 13' N.$, Longitude $74^{\circ} 44' E.$ The light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 104.

[First Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

WITH reference to Notice to Mariners No. 320, dated 7th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 8 of 1901) that the Triple flashing white light referred to will, on and after 1st July 1901, be exhibited from a masonry tower on a rock at Seven Pagodas or Mahabalipuram—Latitude $12^{\circ} 37' N.$, Longitude $80^{\circ} 11' E.$ The light will be 134.99 feet above the sea and will be visible 18 miles in clear weather. The arc of illumination is from N. E. through E. to S. S. W. ($191^{\circ} 30'$). Bearings are magnetic and from seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 105.

[First Publication.]

INDIA, SOUTH—GULF OF MANAR.

Tinnevely coast—Manapaud light.

WITH reference to Notice to Mariners No. 126, dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 9 of 1901) that the double-flashing white light referred to in paragraph 1 thereof will, on and after the 1st May 1901, be exhibited from a masonry tower on Manapaud Point—Latitude $8^{\circ} 22' N.$, Longitude $78^{\circ} 04' E.$ This light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

2. On the date of the exhibition of this light, the fixed red light now displayed on Manapaud Point will be discontinued and its tower removed in due course.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 88.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—China Bakir light to be re-exhibited.

WITH reference to Notice to Mariners No. 220, dated the 10th September 1900, issued by this office, the Bombay Government has given notice (No. 21 of 1901) that the China Bakir Light (particulars as per No. 365 in Admiralty List of Lights, Part VI, 1900) will be re-exhibited on or shortly after 1st May 1901.

This Notice affects the following Admiralty Charts:—Rangoon River and approaches, No. 833; Koronge Island to White Point, No. 823; Bay of Bengal, No. 70, and Indian Ocean, North Portion, No. 748-b: Also, Bay of Bengal Pilot, 1892, page 321: Also, List of Lights, Part VI, 1900.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 89.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Derelict north-westward of Prongs light-house.

THE Bombay Government has given notice (No. 22 of 1901) that the Master of S.S. *Dumra* reports the derelict of a native craft, bottom up, in latitude $19^{\circ} 8' N.$, longitude $72^{\circ} 24' E.$, $N. 55^{\circ} W.$, distance 26 miles from Prongs Light-house, and is drifting south-east 22 miles per diem.

Caution.—Vessels bound for Karachi should keep a good look-out for the derelict.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 90.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Aguada (Goa) light—Temporary alteration in character.

THE Bombay Government has given notice (No. 23 of 1901) that telegraphic information has been received from the Chief Secretary to the Governor-General of Goa, Portuguese India, that during the repairs to the revolving light at Aguada a fixed white light will be exhibited until further notice.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 91.

[Second Publication.]

CHINA SEA—TONG KING GULF—APPROACHES TO HAIFONG.

Canal between Kua Nam Trieu and Kua Kam Lights.

THE British Admiralty has given notice (No. 171 of 1901) that Kua kam and Kua nam trieu are now connected by a canal cut through Dinh vu peninsula, the entrances of the canal being marked by two dioptric lights of the 6th order, as follows:—

1. The eastern entrance light is *white fixed* with a *red sector* elevated 30 feet above high water: the *red sector* is visible from the bearing of $S. 58^{\circ} W.$, through south, to $S. 32^{\circ} E.$ The light is shown from a pile structure, 52 feet high, painted red, erected in approximately lat. $20^{\circ} 51' 0'' N.$, long. $106^{\circ} 44' 55'' E.$, on chart No. 775.
2. The western entrance light is *white fixed*, elevated 32 feet above high water, and visible from the bearing of $N. 85^{\circ} W.$, through north and east, to $S. 45^{\circ} E.$; it is shown from a pile structure 44 feet high, painted red, erected in approximately lat. $20^{\circ} 51' 20'' N.$, long. $106^{\circ} 44' 5'' E.$, on chart No. 775.

3. The green light exhibited formerly near this position has been discontinued.
(Notice No. 171 of 1901.)

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Approaches to Haiong, No. 775; Also, List of Lights, part VI, 1901, page 114; and China Sea Directory, vol. II, 1899, pages 441, 445.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 92.

[Second Publication.]

CHINA SEA—CARIMATA STRAIT.

Wreck reported.

THE British Admiralty has given notice (No. 173 of 1901) that a wreck, with a portion of the hull and a mast standing 30 feet above water, has been reported independently by the Masters of two British Steam vessels as lying sunk in Carimata strait in approximately lat. 2° 34' S., long. 109° 9' E. (Notice No. 173 of 1901.)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Carimata strait, No. 2160; Also, China Sea Directory, vol. I, 1896, page 478.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 93.

[Second Publication.]

EASTERN ARCHIPELAGO.—BORNEO, NORTH-WEST COAST.

St. Pierre island—Intended light.

THE British Admiralty has given notice (No. 174 of 1901) that it is intended to exhibit a white flashing light of the 4th order, on St. Pierre or Petrus island, which will show one flash of short duration every five seconds, and be visible from a distance of 27 miles.

During May 1901 a temporary white fixed light will be exhibited, pending the completion of the permanent light.

Approximate position, lat. 1° 53½' N., long. 108° 39' E.

Further notice will be given when information has been received that the permanent light has been exhibited. (Notice No. 174 of 1901.)

This Notice affects the following Admiralty Charts:—China Sea, No. 2660a; South Natuna islands, No. 2104; Also, List of Lights, part VI, 1901, page 94; and China Sea Directory, vol. II, 1899, page 81.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 94.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST.

Petang point, Pulo Laut strait—Intended light.

THE British Admiralty has given notice (No. 175 of 1901) that it is intended to exhibit a *white flashing* light of the 5th order on point Petang, Pulo Laut strait, which will show *one flash* of short duration *every five seconds*, and be visible from a distance of 14 miles.

During May 1901, a *white fixed* light will be provisionally exhibited pending the completion of the permanent light.

Approximate position, lat. $3^{\circ} 37' N.$, long. $115^{\circ} 57' E.$

Further Notice will be given when information has been received that the permanent light is exhibited. (*Notice No. 175 of 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; Australia, Northern portion, No. 2759a; straits of Makassar, No. 2637; Pulo Laut strait, on Sheet No. 2662; Also, List of Lights, part VI, 1901, page 92; Eastern Archipelago, part II, 1893, page 309; and Supplement, 1899, page 34.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th April 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 95.

[Second Publication.]

AUSTRALIA—QUEENSLAND.

Fitzroy river entrance—Depth, lights.

THE British Admiralty has given notice (No. 176 of 1901) that the depth in the channels on the line of the leading lights between Middle sand and Mackenzie sand, Mackenzie island and Flat island, has been increased by dredging to 17 feet L. W. S. for a breadth of 300 feet.

Also, that the colours of the undermentioned leading lights should be amended on the chart as follows:—

- a. On Middle sand, the rear light situated about 2 miles eastward of south-east point of Flat island, should be *white*, not red, and the front light, 3 cables westward of it, should be *red* and *white*, showing white to the northward and red to the westward.
- b. On Rundle spit, the rear light, situated about 7 cables eastward of the south-east point of Flat island, should be *white*, not red, and the front light, 4 cables north-eastward of it, should be *red* and *white*, showing red to the north-eastward and white to the north-westward. (*Notice No. 176 of 1901.*)

Approximate position of Flat island, south-east point, lat. $23^{\circ} 32\frac{1}{2}' S.$, long. $150^{\circ} 52\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Keppel bay, &c., No. 363; Also, List of Lights, part VI, 1901, page 213; Australia Directory, vol. II, 1898, page 195; and Supplement, 1900, pages 9, 10.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th April 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 96.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Simalur island—Reefs reported—Name of West point.

THE British Admiralty has given notice (No. 178 of 1901) that the following reefs exist off the south-east and north-west coasts of Simalur island:—

- a. A patch of discoloured water of considerable extent, situated with Belayar rock just open of Tanjong Lentang bearing N. 20° E., the point distant about $3\frac{1}{2}$ miles, in approximately lat. $2^{\circ} 18\frac{1}{2}'$ N., long. $96^{\circ} 28\frac{1}{2}'$ E.

Soundings of 6 and 8 fathoms were obtained on this patch, but there is probably shoaler water on it.

- b. A reef of live coral and sand, with a depth of 17 feet over it, is situated midway between Simalandan rock and Laban on the south shore of Simalandan bay in approximately lat. $2^{\circ} 48' 25''$ N., long. $95^{\circ} 47' 10''$ E.

The point situated in approximately lat. $2^{\circ} 46\frac{1}{2}'$ N., long. $95^{\circ} 44\frac{1}{2}'$ E., is known locally as Tanjong Loban. (*Notice No. 178 of 1901.*)

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Acheh head to Tyingkok bay, No. 2760; Simalur island on sheet No. 2201: Also, China Sea Directory, vol. I, 1896, pages 317, 319, and Supplement, 1899, pages 25, 28.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 97.

[Second Publication.]

EASTERN ARCHIPELAGO—GREYHOUND STRAIT.

Taliabu island, west coast—Discoloured water reported.

THE British Admiralty has given notice (No. 180 of 1901) that discoloured water, apparently about 2 miles in extent, is reported to exist about 3 miles westward of the west coast of Taliabu island in approximately lat. $1^{\circ} 51'$ S., long. $124^{\circ} 15'$ E. (*Notice No. 180 of 1901*)

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also, Eastern Archipelago, part II, 1893, page 364; and Eastern Archipelago, part I, 1890, page 401.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 98.

[Second Publication.]

CHINA, EAST—THE PHILIPPINES—LUZON, WEST COAST.

Hermana Mayor island—Shoal extending from—.

THE British Admiralty has given notice (No. 183 of 1901) that a shoal, with a depth over it of 5 fathoms, extends about $1\frac{1}{4}$ miles westward from the south point of Hermana Mayor island, entrance to Dazol bay. (*Notice No. 183 of 1901.*)

Approximate position, lat. $15^{\circ} 46\frac{1}{2}'$ N., long. $119^{\circ} 46'$ E.

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. II, 1899, page 318; and Eastern Archipelago, part I, 1890, page 47.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 99.

[Second Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

Gray Feather bank—Depth on, soundings to the eastward.

THE British Admiralty has given notice (No. 184 of 1901) that a sounding has been obtained of 5 fathoms on the Gray Feather bank, Caroline islands.

Approximate position, lat. $8^{\circ} 10'$ N., long. $148^{\circ} 45'$ E.

Also, that in lat. $8^{\circ} 40'$ N., long. $149^{\circ} 2'$ E., he obtained a sounding of 24 fathoms, and continued to get that depth until in lat. $8^{\circ} 10'$ N., long. $149^{\circ} 17'$ E., when there was no bottom at 30 fathoms.

It seems not improbable that the Grey Feather bank is of considerable extent, and that the depth of 5 fathoms was obtained on a patch near its edge. (*Notice No. 184 of 1901.*)

This Notice affects the following Admiralty Charts:—Pacific, No. 781; Caroline islands, No. 980; Also, Pacific island, vol. I, 1900, page 428.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 100.

[Second Publication.]

PACIFIC OCEAN.

Sailing directions for the Pacific islands.

WITH reference to Notice to Mariners No. 281, dated 3rd November 1900, issued by this office, the British Admiralty has given notice (No. 185 of 1901) that, on 1st March 1901, Volume 2 of the Sailing Directions for the Pacific islands was issued, and consequently all Hydrographic Notices and Supplements relating to those Sailing Directions, remaining portions of the old editions of Vol. I, 1890, Vol. I, part II, 1893, and Vol. II, 1891, which remained in force on the recent publication of new edition of Vol. I and Vol. III, are now cancelled, as well as pages 191 to 264 of China Sea Directory, Vol. IV, 1894. The Sailing

Directions for the Kermadec islands will be included in the New Zealand Pilot, which will be ready for issue about June next. (*Notice No. 185 of 1901.*)

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 101.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Susu Susu bay—Dangers reported.

THE British Admiralty has given notice (No. 187 of 1901) of the existence of the following dangers in the bay of Susu Susu:—

- (a) Breakers were observed at a distance of $4\frac{1}{2}$ cables S. 20° W. from the southern extreme of Karang San Kalan. From it Susu Susu beacon bears N. 17° W., distant $1\frac{3}{4}$ miles. A shoal of 3 fathoms has been placed on the Chart in this position in consequence.
- (b) A small coral reef about 100 yards in extent with a depth over it of 4 fathoms exists with Susu Susu beacon bearing N. 2° E., distant $2\frac{2}{5}$ miles.
- (c) A rock with less than two fathoms over it exists with Gulau Kaju (Pulo Kio) extreme bearing S. 81° E., distant $6\frac{1}{2}$ cables, and Pulo Kaju reef S. 13° E. (*Notice No. 187 of 1901.*)

Approximate position, lat. $3^{\circ} 43\frac{1}{2}'$ N., long. $96^{\circ} 45'$ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bag, No. 2760; Also, China Sea Directory, vol. I, 1896, pages 269, 270; and Supplement, 1899, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 79.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

New light-house on Pipon island.

THE Port Master, Brisbane, has given notice (No. 3 of 1901) that it is anticipated that on and after the 7th March the light will be exhibited from the new tower erected on South Pipon Island, particulars concerning which are given in Notice No. 12 of 1900.

Further notice will be given when the actual date is definitely fixed.

Chart affected, 2922; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 80.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA.

Batavia—Experimental lights exhibited near Observatory.

THE British Admiralty has given notice (No. 151 of 1901) that occulting lights are being exhibited for experimental purposes from a temporary structure, elevated 56 feet above high water, erected near the Observatory, Batavia.

These lights, except when obscured by trees, are visible out at sea, but their character will be purposely made to differ as much as possible from the permanent light (*fixed and flashing*) on the Mole to prevent their being mistaken for it. (*Notice No. 151 of 1901.*)

Approximate position, lat. $6^{\circ} 7\frac{3}{4}'$ S., long. $106^{\circ} 48\frac{1}{2}'$ E.

This Notice temporarily affects the following Admiralty Chart:—Batavia roads, No. 933; Also, List of Lights, part VI, 1901, page 81, Eastern Archipelago, part II, 1893, page 96: and Supplement, 1899, page 10.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 81.

[Third Publication.]

AFRICA, NORTH-EAST—RED SEA.

Kamaran harbour approach—Shoal in Quarantine anchorage.

THE British Admiralty has given notice (No. 154 of 1901) of the existence of a shoal patch 100 yards long by 20 yards wide, with a least depth over it of 13 feet, in the Quarantine anchorage, Kamaran; it is situated with North point bearing S. 37° W., distant $5\frac{1}{2}$ cables, and Mosque with 3 domes, N. 68° W. (*Notice No. 154 of 1901.*)

Approximate position, lat. $15^{\circ} 21'$ N., long. $42^{\circ} 36\frac{1}{2}'$ E.

A cask, painted white, was moored temporarily in a depth of 4 fathoms on the south-east edge of the shoal.

(*Variation 5° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Kamaran passage, No. 543: Also, Red Sea Pilot, 1900, page 313.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 82.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF APPROACH.

Neptune island—Intended light.

THE British Admiralty has given notice (No. 156 of 1901) that it is intended to exhibit in October next a light of the First order from a lighthouse now in course of construction on South Neptune island, Spencer gulf approach. (*Notice No. 156 of 1901.*)

Approximate position, lat. $35^{\circ} 20'$ S., long. $136^{\circ} 7'$ E.

Further Notice of the particulars of the light and date of exhibition will be given.

This Notice affects the following Admiralty Charts:—Pacific ocean, No. 780; Australia, No. 2759b; Gulf of St. Vincent, &c., No. 2389a; Also, List of Lights, part VI, 1901, No. 1063a; Australia Directory, vol. I, 1897, page 169; and Supplement, 1900, page 12.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 83.

[Third Publication.]

EASTERN ARCHIPELAGO—LOMBOK.

Ampenan road—Reef reported, river entrance closed.

THE British Admiralty has given notice (No. 158 of 1901) that a reef (on which the depth is only 9 feet), 100 yards long N. 24° W. and S. 24° E., and 50 yards broad, is reported to exist in Ampenan road, with Ampenan lighthouse bearing S. 33° E., distant 11 cables. (*Notice No. 158 of 1901.*)

Approximate position, lat. 8° 23' S., long. 116° 3' E.

Depths of 10 fathoms surround this reef.

Also that the entrance to the South Meninting river is closed

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, No. 1654; plan of Ampenan road on sheet No. 895; Also Eastern Archipelago, part II, 1893, page 228; and Supplement, 1899, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 84.

[Third Publication.]

AFRICA, NORTH-EAST—RED SEA—FARISAN ISLANDS.

Reef reported to the southward of Dumsuk island.

THE British Admiralty has given notice (No. 162 of 1901) that a reef is reported to exist about 7 miles south-eastward of Dumsuk island, Farisan islands, in approximately lat. 16° 26' 0" N., long. 42° 4' 35" E. A rock with less than 6 feet over it has been placed on the Chart in this position. (*Notice No. 162 of 1901.*)

This Notice affects the following Admiralty Chart:—Red sea, No. 8d; Also, Red Sea, &c., Pilot, 1900, page 328.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 85.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Batu islands—Reefs reported to the northward of Pulo Pinie.

THE British Admiralty has given notice (No. 165 of 1901) that the following reefs are reported to exist off the northern coast of Pulo Pinie, Batu islands:—

- a. A reef, with a depth of 4 fathoms on it, situated with Batu Belobang bearing S. 38° W., distant 8 miles, and northern extreme of Pulo Pinie S. 70° E.

Approximate position, lat 0° 15' N., long. 98° 35½' E.

- b. A reef, with a depth over it of 4 fathoms, situated with Batu Belobang bearing S. 22° W., distant 5½ miles, and northern extreme of Pulo Pinie S. 79° E.

- c. A reef, with a depth of 4 fathoms on it, situated with Batu Belobang bearing S. 3° W., distant 4½ miles, and northern extreme of Pulo Pinie S. 82° E.

These reefs are each estimated to be about 8 cables in extent. (Notice No. 165 of 1901.)

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay No. 2760: Also, China Sea Directory, vol. I, 1896, pages 323, 324.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 30th March 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 86.

[Third Publication.]

AUSTRALIA—VICTORIA.

Port Phillip entrance, west channel—Alteration in buoyage.

WITH reference to Notice to Mariners No. 43, dated 16th February 1901, issued by this office, the British Admiralty has given further notice (No. 168 of 1901) that the alteration in the buoyage and lighting of the West channel to port Phillip has been effected, and that consequent thereon:—

Port Hand buoys.—The character of these buoys remains as before (black can), except that the light-buoy marking the southern end of Swanspit having been replaced by a black can buoy is now marked No. 3, and the buoys to the northward of it have in consequence been respectively renumbered 5, 7, 9, in place of their original numbers 3, 5, 7.

- Middle Ground buoys.—The light-buoy marking the south-western end of Royal George shoal has been painted in red and white horizontal bands and is named No. 1 Royal George gas buoy.

Approximate position, lat. 38° 16' S., long. 144° 41½' E.

The light-buoy marking the north-eastern end of the same shoal has been painted in red and white horizontal bands and named No. 2 Royal George gas buoy.

The starboard hand-buoys remain as before.

The white occulting light has been established on Popes eye fort, and will be known as No. 2 gas beacon. (Notice No. 168 of 1901.)

This Notice affects the following Admiralty Chart:—Port Phillip entrance, Nos. 1171a, 2747a: Also, Australia Directory, vol. I, 1897, pages 448, 449; and Supplement, 1900, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 30th March 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 87.

[Third Publication.]

CHINA—YANG TSE KIANG.

Tsung Ming crossing—Decreased depths.

WITH reference to Notice to Mariners No. 310, dated the 7th December 1900, issued by this office, the British Admiralty has given further notice (No. 169 of 1901) that soundings obtained from his vessel on 31st December 1900 and 4th January 1901 indicate that the depths in Tsung ming crossing (the Swathway to the northward of the Tsung ming bank) have decreased by about one fathom. A note to this effect has been placed on the chart. (Notice No. 169 of 1901.)

Approximate position, lat. $31^{\circ} 30' N.$, long. $121^{\circ} 31' E.$

This Notice affects the following Admiralty Chart:—Yang tse Kiang, No. 1602: Also, China Sea Directory, vol. III, 1894, pages 418, 419, 446; and Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th March 1901.

C. B. BAYLEY,

Asst. Secy., Marine Department.



APPENDIX TO
The Calcutta Gazette.

WEDNESDAY, APRIL 24, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 106.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Cape Selatan—Shoal water extending in a southerly direction.

THE British Admiralty has given notice (No. 192 of 1901) that a mud-bank is reported to extend from cape Selatan or Silat in a southerly direction, a sounding of 3 fathoms having been obtained, situated with the south-east point of the cape bearing N. 72° E., distant 5 miles.

Approximate position, lat. 4° 12' S., long. 114° 38' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 941b: Also, Eastern Archipelago, part II, 1893, page 298.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 107.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA—BANKA STRAIT.

Banju Asin—Amended position of light buoy.

WITH reference to Notice to Mariners No. 66, dated 16th March last, issued by this office, the British Admiralty has given further notice (No. 194 of 1901) that the position of the light buoy, painted white, and exhibiting a white occulting light every thirty seconds, is about 6½ miles S. 39° W. from Tanjong Api api, and not as stated in the former Notice. The white nun buoy about 2½ miles S. 30° W. from Tanjong Api api should be replaced on the Chart.

Approximate position of light buoy on Chart No. 2757, lat. 2° 21½' S., long. 104° 48' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Gaspar and Banka straits, No. 2149; Banka strait to Singapore, No. 2757: Also, China Sea Directory, vol. I, 1896, page 400, and Supplement, 1899, page 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information:

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 108.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

The Elfin bar.

THE Port Officer, Chandbally, states that Masters of steamers plying to Balasore should be careful in crossing the Elfin bar, as the bar is liable to deteriorate during the S.-W. monsoon. The crossing of this bar should not be attempted with less than 15 feet rise of tide at Saugor.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 109.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Port Pirie channel further deepened.

THE President, Marine Board, Port Adelaide, has given notice (No. 6 of 1901) that the Channel leading to Port Pirie Harbour has been further deepened, and is now not less than 150 feet wide with a depth of 15 feet at low water.

The work of widening certain portions of the Channel is being proceeded with, and, when finished, a new plan of the Harbour and approach will be issued.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 110.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle bank lightship removed for repairs.

THE President, Marine Board, Port Adelaide, has given notice (No. 7 of 1901) that the Lightship on Middle Bank will be removed for a short time during repairs.

During her absence the light will be exhibited by night and the ball by day from a ketch painted red and moored in the same position as that now occupied by the Lightship.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 111.

[First Publication.]

AUSTRALIA, SOUTH-WEST COAST—STREAKY, SMOKY, DENIAL, AND MARAT BAYS.

Changes in the approaches.

THE President Marine Board, Port Adelaide, has given notice (No. 8 of 1901) of the the following changes:—

Streaky Bay.

A Red Pile Beacon with circular head has been placed on the eastern extremity of South Sand, with the house near Perlubie Point bearing east. The Beacon is in six (6) feet of water with three (3) fathoms one hundred and fifty (150) feet to the eastward.

Dashwood Channel has been marked on the north side by two Black Buoys, the outer one is surmounted by a frame work and diamond top, the inner one by a staff and diamond. The south side is marked by two Red Buoys, surmounted with staff and ball.

The positions are as follows:—The outer Black Buoy is in four (4) fathoms water, with Brown Point bearing N. 80° W., Cape Bauer S. 24° W., and the outer Red Buoy and Olive Island in line bearing S. 45° W. The inner Black Buoy is in three (3) fathoms water, with Cape Bauer bearing S. 34° W. and the Red Beacon on South Sand bearing S. 60° E.

The outer Red Buoy is in four (4) fathoms water, with Cape Bauer bearing S. 20° W. and DeMole Point N. 50° W. The inner Red Buoy is in three (3) fathoms water, with Cape Bauer bearing S. 38° W. and DeMole Point N. 60° W.

The Channel has a clear depth of three (3) fathoms right through.

Smoky Bay.

Waterwitch Channel has been marked on the north side by two Black Buoys surmounted with staff and diamond; on the south side by two Red Buoys surmounted with staff and ball.

The positions are as follows:—Outer Black Buoy in three and a half (3½) fathoms water, with the west point of Eyre Spit bearing S. 10° W. and Saddle Peak N. 87° E. Inner Black Buoy in three (3) fathoms water, with Saddle Peak bearing S. 88° E. Cape D'Estree N. 18° W., and the inner Red Buoy in line with the west point of Eyre Island bearing S. 10° E.

Outer Red Buoy in three and a half (3½) fathoms water, with Saddle Peak bearing N. 80° E., Mount Youngusband N. 56° W., and Cape D'Estree N. 20° E. Inner Red Buoy in three (3) fathoms water, with Saddle Peak bearing N. 84° E., Cape D'Estree (west side) N. 17° W., and the west end of Eyre Island S. 8° E. This Channel has a clear passage of four (4) fathoms by keeping a fair distance off the Red Buoys, but a three (3) fathom tongue runs half way across the Channel from the inner Black Buoy.

Denial Bay.

Yatala Channel, south side, has been marked by Red Buoy, Staff, and Ball, in three (3) fathoms water, with Bird Rock bearing E.N.E.; also on north side, eastern end, by a black Buoy, Staff, and Diamond in two and a half (2½) fathoms water, Cape Beaufort bearing E. by N.; west side of Cape Thevenard N. ½ E., and Cape Vivonne E.S.E.

This channel has a clear passage of two and a half (2½) fathoms water right through.

Murat Bay.

The north end of the spit at the entrance to Murat Bay has been marked by a Black Beacon with diamond top; it is in six (6) feet of water.

All bearings are magnetic, and the depths given at O.L.W.S. This affects Admiralty Chart, No. 1061.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 112.

[First Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

South Pipon island—Exhibition of new light.

With reference to Notice to Mariners No. 201, dated the 11th August last, issued by this office, the Port Master, Brisbane, has given further notice (No. 4 of 1901) that the light will be exhibited from the new tower on South Pipon Island on or about the 13th or 14th instant, and the Channel Rock Lightship will be withdrawn. Should the weather be unfavourable, the Lightship will remain in her present position, exhibiting an ordinary riding light until her removal is practicable.

The tower from which the light will be exhibited is a skeleton structure 60 feet high, and the focal plane will be 55 feet above high water.

The light is of the 4th order dioptric, and will be visible through an arc of 160 degrees, white between bearings of N. 72° W. (through South) to N. 53° E., red between N. 53° E. and N. 76° E., and white between N. 76° E. and N. 84° E., and will be intensified over an arc of 11 degrees through the Barrow Strait. The light will be visible 13 miles in clear weather.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 113.

[First Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—MINDANAO.

Silino island—Reef extending south-westward.

THE British Admiralty has given notice (No. 205 of 1901) that a breaking reef is reported to extend south-westward from Silino island for a distance of fully one mile.

Approximate position, lat. $8^{\circ} 50' N.$, long. $123^{\circ} 23' E.$

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; Sulu or Mindoro sea, No. 2578; Also, Eastern Archipelago, part I, 1890, page 291; and Revised Supplement, 1898, page 64.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 114.

PACIFIC OCEAN—PHILIPPINE ISLANDS—SAMAR.

Reef between Kanahauan and Libukan islands.

THE British Admiralty has given notice (No. 206 of 1901) that a reef, awash in two places, 50 yards apart, with only a depth of few feet in the intervening space, is reported to exist between Kanahauan and Libukan islands, situated with the east point of Libukan island bearing N. $6^{\circ} E.$, distant 3 miles, and east point of Kanahauan Dako, S. $58^{\circ} E.$

Approximate position, lat. $11^{\circ} 51\frac{1}{2}' N.$, long. $124^{\circ} 39\frac{1}{2}' E.$

A depth of 7 fathoms was obtained at a distance of a quarter of a mile from the reef in an easterly and westerly direction, and the same depth at a distance of three-quarters of a cable in a northerly and southerly direction.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1890, page 329.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 115.

AUSTRALIA, SOUTH—PORT ADELAIDE RIVER.

Light to be shifted and light buoys placed.

WITH reference to Notice to Mariners No. 212, dated the 4th November 1899, issued by this office, the British Admiralty has given further notice (No. 207 of 1901) that it is expected that the lighthouse on Wonga shoal will be completed about June 1901, and that when port Adelaide light is removed to this new position on the Wonga shoal and the lighthouse taken down, the entrance to the channel will be marked by a light buoy or buoys.

Approximate position, lat. $34^{\circ} 48' S.$, long. $138^{\circ} 28' E.$

Further Notice will be given as to date of removal and establishment of lights and buoys.

This Notice affects the following Admiralty Chart:—Port Adelaide, Nos. 1752, 1750; Also, List of Lights, part VI, 1901, No. 1070; and Australia Directory, vol. I, 1897, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 116.

[First Publication.]

CHINA.

SULU SEA—PHILIPPINE ISLANDS.

Basilan strait—Reef reported in fairway.

WITH reference to Notice to Mariners No. 41, dated 22nd April 1890, issued by this office, the British Admiralty has given further notice (No. 213 of 1901) that the shoal with a depth of 21 feet over it (named *Luzon* in E. Archipelago Sailing Directions) reported to exist in Basilan strait, and said to be situated with the east point of Sta. Cruz, or Great island, bearing N. 3° W., distant 4½ miles, has been searched for without success. This shoal, always considered doubtful, has therefore been expunged from the chart.

Approximate position, on chart No. 961, lat. 6° 47' N., long. 122° 4' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Sulu Archipelago*, No. 2576, 928; *Basilan strait*, No. 961; *Also Eastern Archipelago*, part I, 1890, page 98.

E. J. BEAUMONT, COMDR., R.I.M.,
Offy. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 117.

[First Publication.]

CHINA.

Hongkong harbour works—Dolphins, buoys, wreck.

THE British Admiralty has given notice (No. 218 of 1901) that information, dated 9th February 1901, has been received from the Commodore, Hongkong, that works for the extension of the dockyard have been commenced, and that consequent thereon the following two dolphins have been erected, and buoys withdrawn:—

- (a) The Eastern dolphin is situated with Murray pier head bearing S. 82° W., distant 880 feet, and dockyard sheers, S. 3° W.
- (b) The Western dolphin is situated with Murray pier head bearing S. 31° W., distant 380 feet, and dockyard sheers, S. 33° E.

Approximate position, lat 22° 17' N., long. 114° 9½' E.

A small red fixed light is exhibited from each of these dolphins.

Sandpiper and No. 12 buoys, moored at distances of about 1½ and ¾ of a cable respectively northward of Murray pier head, have both been withdrawn.

Also, that the wreck of a dredger lies sunk about 400 feet, N. 34° W., from Murray pier head.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—*Hongkong harbour*, No. 1459; *Also, List of Lights*, part VI., 1901, page 118; *China Sea Directory*, vol. III., 1894, page 76; and *Supplement*, 1898, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offy. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 118.

[First Publication.]

CHINA SEA—FORMOSA, NORTH-WEST COAST.

Paksa point—Construction of a lighthouse.

THE British Admiralty has given notice (No. 219 of 1901) that a lighthouse is in course of construction on Paksa point, from which it is stated a red and white revolving light every ten seconds is to be exhibited at an elevation of 121 feet above high water, and visible in clear weather from a distance of 18 miles.

Approximate position, lat. 25° 2' N., long. 121° 3' E.

Further Notice will be given when the precise details are known, no information as to this light having yet been received from the Japanese authorities, but an unauthorised report states that it is already lit.

This Notice affects the following Admiralty Charts:—Amoy to Nagasaki, No. 2412; Formosa and strait, No. 1968; Ockseu to Tung Yung, No. 1761: Also, List of Lights, part VI, 1901, page 138; and China Sea Directory, vol. III, 1894, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 119.

[First Publication.]

CHINA—GULF OF PE CHILL.

Taku approach—Wreck.

THE British Admiralty has given notice (No. 222 of 1901) that the wreck of an iron lighter lies sunk in the approach to Taku, situated with Taku light-vessel bearing N. 81° W., distant 4 miles.

Approximate position, lat. 38° 54½' N., long. 117° 56½' E.

The position is marked by a black spar.

(Variation 3° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Li tsin ho to Ning hai, No. 598: Also, China Sea Directory, vol. III, 1894, page 609.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 102.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

Kistna light.

WITH reference to Notice to Mariners No. 125 (1), dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 6 of 1901) that the double-flashing white light referred to in paragraph 1 thereof will, on and after the 1st May 1901, be exhibited from a masonry tower on the Goloonda Coast between False Point Divi and Point Divi—Latitude 15° 47' N., Longitude 80° 59' E. The light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

2. On the date of the exhibition of this light, the fixed white light now displayed on Point Divi will be discontinued, but its tower will be maintained as a landmark.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 103.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

South Canara—Kaph light.

WITH reference to Notice to Mariners No. 124 (1), dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 7 of 1901) that the triple-flashing white light referred to in paragraph 1 thereof will, on and after the 1st June 1901, be exhibited from a masonry tower on a rock near to the Kaph ruined

battery—Latitude $13^{\circ} 13' N.$, Longitude $74^{\circ} 44' E.$ The light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 104.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

WITH reference to Notice to Mariners No. 320, dated 7th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 8 of 1901) that the Triple flashing white light referred to will, on and after 1st July 1901, be exhibited from a masonry tower on a rock at Seven Pagodas or Mahabalipuram—Latitude $12^{\circ} 37' N.$, Longitude $80^{\circ} 11' E.$ The light will be 134.99 feet above the sea and will be visible 18 miles in clear weather. The arc of illumination is from N. E. through E. to S. S. W. ($191^{\circ} 30'$). Bearings are magnetic and from seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 105.

[Second Publication.]

INDIA, SOUTH—GULF OF MANAR.

Tinnevely coast—Manapaud light.

WITH reference to Notice to Mariners No. 126, dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 9 of 1901) that the double-flashing white light referred to in paragraph 1 thereof will, on and after the 1st May 1901, be exhibited from a masonry tower on Manapaud Point—Latitude $8^{\circ} 22' N.$, Longitude $78^{\circ} 04' E.$ This light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

2. On the date of the exhibition of this light, the fixed red light now displayed on Manapaud Point will be discontinued and its tower removed in due course.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 88.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—China Bakir light to be re-exhibited.

WITH reference to Notice to Mariners No. 220, dated the 10th September 1900, issued by this office, the Bombay Government has given notice (No. 21 of 1901) that the China Bakir Light (particulars as per No. 365 in Admiralty List of Lights, Part VI, 1900) will be re-exhibited on or shortly after 1st May 1901.

This Notice affects the following Admiralty Charts:—Rangoon River and approaches, No. 833; Koronge Island to White Point, No. 823; Bay of Bengal, No. 70, and Indian Ocean, North Portion, No. 748-b: Also, Bay of Bengal Pilot, 1892, page 321: Also, List of Lights, Part VI, 1900.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 89.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Derelict north-westward of Prongs light-house.

THE Bombay Government has given notice (No. 22 of 1901) that the Master of S.S. *Dumra* reports the derelict of a native craft, bottom up, in latitude $19^{\circ} 8' N.$, longitude $72^{\circ} 24\frac{1}{2}' E.$, N. $55^{\circ} W.$, distance 26 miles from Prongs Light-house, and is drifting south-east 22 miles per diem.

Caution.—Vessels bound for Karachi should keep a good look-out for the derelict.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 90.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Aguada (Goa) light—Temporary alteration in character.

THE Bombay Government has given notice (No. 23 of 1901) that telegraphic information has been received from the Chief Secretary to the Governor-General of Goa, Portuguese India, that during the repairs to the revolving light at Aguada a fixed white light will be exhibited until further notice.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 91.

[Third Publication.]

CHINA SEA—TONG KING GULF—APPROACHES TO HAIFONG.

Canal between Kua Nam Trieu and Kua Kam Lights.

THE British Admiralty has given notice (No. 171 of 1901) that Kua kam and Kua nam trieu are now connected by a canal cut through Dinh vu peninsula, the entrances of the canal being marked by two dioptric lights of the 6th order, as follows:—

1. The eastern entrance light is *white fixed* with a *red sector* elevated 30 feet above high water: the *red sector* is visible from the bearing of S. $58^{\circ} W.$, through south, to S. $32^{\circ} E.$ The light is shown from a pile structure, 52 feet high, painted red, erected in approximately lat. $20^{\circ} 51' 0'' N.$, long. $106^{\circ} 44' 55'' E.$, on chart No. 775.
2. The western entrance light is *white fixed*, elevated 32 feet above high water, and visible from the bearing of N. $85^{\circ} W.$, through north and east, to S. $45^{\circ} E.$; it is shown from a pile structure 44 feet high, painted red, erected in approximately lat. $20^{\circ} 51' 20'' N.$, long. $106^{\circ} 44' 5'' E.$, on chart No. 775.

3. The green light exhibited formerly near this position has been discontinued.
(Notice No. 171 of 1901.)

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Approaches to Haikong, No. 775; Also, List of Lights, part VI, 1901, page 114; and China Sea Directory, vol. II, 1899, pages 441, 445.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 92.

[Third Publication.]

CHINA SEA—CARIMATA STRAIT.

Wreck reported.

THE British Admiralty has given notice (No. 173 of 1901) that a wreck, with a portion of the hull and a mast standing 30 feet above water, has been reported independently by the Masters of two British Steam vessels as lying sunk in Carimata strait in approximately lat. 2° 34' S., long. 109° 9' E. (Notice No. 173 of 1901.)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Carimata strait, No. 2160; Also, China Sea Directory, vol. I, 1896, page 478.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 93.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, NORTH-WEST COAST.

St. Pierre island—Intended light.

THE British Admiralty has given notice (No. 174 of 1901) that it is intended to exhibit a white flashing light of the 4th order, on St. Pierre or Petrus island, which will show one flash of short duration every five seconds, and be visible from a distance of 27 miles.

During May 1901 a temporary white fixed light will be exhibited, pending the completion of the permanent light.

Approximate position, lat. 1° 53½' N., long. 108° 39' E.

Further notice will be given when information has been received that the permanent light has been exhibited. (Notice No. 174 of 1901.)

This Notice affects the following Admiralty Charts:—China Sea, No. 2660a; South Natuna islands, No. 2104; Also, List of Lights, part VI, 1901, page 94; and China Sea Directory, vol. II, 1899, page 81.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 94.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST.

Petang point, Pulo Laut strait—Intended light.

THE British Admiralty has given notice (No. 175 of 1901) that it is intended to exhibit a white flashing light of the 5th order on point Petang, Pulo Laut strait, which will show one flash of short duration every five seconds, and be visible from a distance of 14 miles.

During May 1901, a white fixed light will be provisionally exhibited pending the completion of the permanent light.

Approximate position, lat. $3^{\circ} 37' N.$, long. $115^{\circ} 57' E.$

Further Notice will be given when information has been received that the permanent light is exhibited. (Notice No. 175 of 1901.)

This Notice affects the following Admiralty Charts:—*Eastern Archipelago*, No. 941b; *Australia, Northern portion*, No. 2759a; *straits of Makassar*, No. 2637; *Pulo Laut strait*, on Sheet No. 2662; Also, *List of Lights*, part VI, 1901, page 92; *Eastern Archipelago*, part II, 1893, page 309; and *Supplement*, 1899, page 34.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th April 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 95.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

Fitzroy river entrance—Depth, lights.

THE British Admiralty has given notice (No. 176 of 1901) that the depth in the channels on the line of the leading lights between Middle sand and Mackenzie sand, Mackenzie island and Flat island, has been increased by dredging to 17 feet L. W. S. for a breadth of 300 feet.

Also, that the colours of the undermentioned leading lights should be amended on the chart as follows:—

- a. On Middle sand, the rear light situated about 2 miles eastward of south-east point of Flat island, should be white, not red, and the front light, 3 cables westward of it, should be red and white, showing white to the northward and red to the westward.
- b. On Rundle spit, the rear light, situated about 7 cables eastward of the south-east point of Flat island, should be white, not red, and the front light, 4 cables north-eastward of it, should be red and white, showing red to the north-eastward and white to the north-westward. (Notice No. 176 of 1901.)

Approximate position of Flat island, south-east point, lat. $23^{\circ} 32\frac{1}{2}' S.$, long. $150^{\circ} 52\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—*Keppel bay, &c.*, No. 363; Also, *List of Lights*, part VI, 1901, page 213; *Australia Directory*, vol. II, 1898, page 195; and *Supplement*, 1900, pages 9, 10.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 4th April 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 96.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Simalur island—Reefs reported—Name of West point.

THE British Admiralty has given notice (No. 178 of 1901) that the following reefs exist off the south-east and north-west coasts of Simalur island:—

- a. A patch of discoloured water of considerable extent, situated with Belayar rock just open of Tanjong Lentang bearing N. 20° E., the point distant about $3\frac{1}{4}$ miles, in approximately lat. $2^{\circ} 18\frac{1}{2}'$ N., long. $96^{\circ} 28\frac{1}{2}'$ E.

Soundings of 6 and 8 fathoms were obtained on this patch, but there is probably shoaler water on it.

- b. A reef of live coral and sand, with a depth of 17 feet over it, is situated midway between Simalandan rock and Laban on the south shore of Simalandan bay in approximately lat. $2^{\circ} 48' 25''$ N., long. $95^{\circ} 47' 10''$ E.

The point situated in approximately lat. $2^{\circ} 46\frac{1}{2}'$ N., long. $95^{\circ} 44\frac{1}{2}'$ E., is known locally as Tanjong Loban. (*Notice No. 178 of 1901.*)

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Acheh head to Tyingkok bay, No. 2760; Simalur island on sheet No. 2201; Also, China Sea Directory, vol. I, 1896, pages 317, 319, and Supplement, 1899, pages 25, 28.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 97.

[Third Publication.]

EASTERN ARCHIPELAGO—GREYHOUND STRAIT.

Taliabu island, west coast—Discoloured water reported.

THE British Admiralty has given notice (No. 180 of 1901) that discoloured water, apparently about 2 miles in extent, is reported to exist about 3 miles westward of the west coast of Taliabu island in approximately lat. $1^{\circ} 51'$ S., long. $124^{\circ} 15'$ E. (*Notice No. 180 of 1901.*)

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a; Also, Eastern Archipelago, part II, 1893, page 364; and Eastern Archipelago, part I, 1890, page 401.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 98.

[Third Publication.]

CHINA, EAST—THE PHILIPPINES—LUZON, WEST COAST.

Hermana Mayor island—Shoal extending from—.

THE British Admiralty has given notice (No. 183 of 1901) that a shoal, with a depth over it of 5 fathoms, extends about $1\frac{1}{4}$ miles westward from the south point of Hermana Mayor island, entrance to Dazol bay. (Notice No. 183 of 1901.)

Approximate position, lat. $15^{\circ} 46\frac{1}{2}'$ N., long. $119^{\circ} 46'$ E.

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. II, 1899, page 318; and Eastern Archipelago, part I, 1890, page 47.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 99.

[Third Publication.]

PACIFIC OCEAN—CAROLINE ISLANDS.

Gray Feather bank—Depth on, soundings to the eastward.

THE British Admiralty has given notice (No. 184 of 1901) that a sounding has been obtained of 5 fathoms on the Gray Feather bank, Caroline islands.

Approximate position, lat. $8^{\circ} 10'$ N., long. $148^{\circ} 45'$ E.

Also, that in lat. $8^{\circ} 40'$ N., long. $149^{\circ} 2'$ E., he obtained a sounding of 24 fathoms, and continued to get that depth until in lat. $8^{\circ} 10'$ N., long. $149^{\circ} 17'$ E., when there was no bottom at 30 fathoms.

It seems not improbable that the Grey Feather bank is of considerable extent, and that the depth of 5 fathoms was obtained on a patch near its edge. (Notice No. 184 of 1901.)

This Notice affects the following Admiralty Charts:—Pacific, No. 781; Caroline islands, No. 980; Also, Pacific island, vol. I, 1900, page 428.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 100.

[Third Publication.]

PACIFIC OCEAN.

Sailing directions for the Pacific islands.

WITH reference to Notice to Mariners No. 281, dated 3rd November 1900, issued by this office, the British Admiralty has given notice (No. 185 of 1901) that, on 1st March 1901, Volume 2 of the Sailing Directions for the Pacific islands was issued, and consequently all Hydrographic Notices and Supplements relating to those Sailing Directions, remaining portions of the old editions of Vol. I, 1890, Vol. I, part II, 1893, and Vol. II, 1891, which remained in force on the recent publication of new edition of Vol. I and Vol. III, are now cancelled, as well as pages 191 to 264 of China Sea Directory, Vol. IV, 1894. The Sailing

Directions for the Kermadec islands will be included in the New Zealand Pilot, which will be ready for issue about June next. (*Notice No. 185 of 1901.*)

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 101.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Susu Susu bay—Dangers reported.

THE British Admiralty has given notice (No. 187 of 1901) of the existence of the following dangers in the bay of Susu Susu:—

- (a) Breakers were observed at a distance of $4\frac{1}{2}$ cables S. 20° W. from the southern extreme of Karang San Kalan. From it Susu Susu beacon bears N. 17° W., distant $1\frac{1}{2}$ miles. A shoal of 3 fathoms has been placed on the Chart in this position in consequence.
- (b) A small coral reef about 100 yards in extent with a depth over it of 4 fathoms exists with Susu Susu beacon bearing N. 2° E., distant $2\frac{1}{10}$ miles.
- (c) A rock with less than two fathoms over it exists with Gulau Kaju (Pulo Kio) extreme bearing S. 81° E., distant $6\frac{1}{2}$ cables, and Pulo Kaju reef S. 13° E. (*Notice No. 187 of 1901.*)

Approximate position, lat. $3^{\circ} 43\frac{1}{2}'$ N., long. $96^{\circ} 45'$ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay, No. 2760: Also, China Sea Directory, vol. I, 1896, pages 269, 270; and Supplement, 1899, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 1, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 120.

[First Publication.]

AFRICA, NORTH-EAST COAST—RED SEA.

Loheiya to Farisan islands—Reefs reported.

THE British Admiralty has given notice (No. 228 of 1901) of the existence of the undermentioned reefs between Loheiya and Farisan islands:—

- (a) A reef extends from Kandamán Kebir for about $1\frac{1}{2}$ to 2 miles in a north-easterly direction.

Approximate position lat. $15^{\circ} 35' N.$, long. $42^{\circ} 33' E.$

As the reef marked P.D. on the Chart about 1 mile eastward of this was not seen under favourable circumstances, it has been erased from the Chart.

- (b) The two islets situated about $2\frac{1}{2}$ miles to the southward of the south-west point of Entufash island are reported to be joined by a shoal bank to the island, with no passage between.

Approximate position, lat. $15^{\circ} 38' N.$, long. $42^{\circ} 22' E.$

- (c) A reef extends in a northerly direction from the north point of Kotama island for a distance of about 2 miles.

Approximate position, lat. $15^{\circ} 43' N.$, long. $42^{\circ} 16' E.$

- (d) A reef extends in a southerly direction from the south point of Sana island for a distance of about $1\frac{1}{2}$ miles.

Approximate position, Sana island, lat. $16^{\circ} 7\frac{1}{2}' N.$, long. $42^{\circ} 15' E.$

- (e) A shoal with a depth of $2\frac{1}{2}$ fathoms over it is reported to exist in approximately lat. $16^{\circ} 23' 10'' N.$, long. $42^{\circ} 3' 30'' E.$; and another with a depth of 3 fathoms over it in approximately lat. $16^{\circ} 27\frac{1}{2}' N.$, long. $42^{\circ} 3\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Red sea, No. 8d: Also, Red sea, &c, Pilot, 1900, pages 308, 332, 333, 331, 328.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 121.

[First Publication.]

CHINA SEA—COCHIN CHINA.

Banda shoal erased from chart.

THE British Admiralty has given notice (No. 224 of 1901) that information received from the Board of Trade shows that the Banda reef in the China Sea placed on the charts in lat. 8° N., long. 107° E., was inserted under a misapprehension, as that vessel struck, in September 1871, on the reef extending from Lumbukan island in Balābac strait in lat. $7^{\circ} 49'$ N., long. $117^{\circ} 12'$ E. Banda Reef has therefore been expunged from the Admiralty Charts.

This Notice affects the following Admiralty Chart:—China Sea, Nos. 1263, 2660a: Also, China Sea Directory, vol. II, 1899, page 108.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 27th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 122.

[First Publication.]

PACIFIC OCEAN—LISIANSKY ISLAND.

Reefs to the southward.

THE British Admiralty has given notice (No. 226 of 1901) that the master of the British ship *Springbank* reports that on the 11th September 1900 his vessel struck at night on a reef lying about 11 or 12 miles south-eastward of Lisiansky island. This reef, which is of considerable extent, was partially examined by the master of the *Springbank*, as the ship was entangled by shoals for 14 days; in it is an opening to the eastward forming a bay, encumbered with shoals, 3 miles deep.

As reefs have been previously reported in a south-easterly direction from Lisiansky island, and soundings obtained of from 15 to 20 fathoms in from $25^{\circ} 43'$ to $26^{\circ} 3'$ north latitude, and $173^{\circ} 19'$ to $173^{\circ} 22'$ west longitude, it is probable that a large bank extends for about 30 miles from Lisiansky on which are coral reefs. Vessels consequently should approach Lisiansky from the southward and eastward with great caution.

Approximate position of shoal, lat. $25^{\circ} 50'$ N., long. $173^{\circ} 45'$ W.

CAUTION.—The longitude of Lisiansky island has not yet been satisfactorily ascertained. It is said to be east of the position shown on the chart, viz., $173^{\circ} 57'$ W.

This Notice affects the following Admiralty Chart:—Pacific ocean, No. 782: Also, Pacific islands, vol. III, 1900, page 249.

E. J. BEAUMONT, COMDR., R.I.M.;

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 27th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 123.

[First Publication.]

EASTERN ARCHIPELAGO—MAKASSAR STRAIT, CELEBES.

South Watcher island—Non-existence of reefs to the southward.

THE British Admiralty has given notice (No. 231 of 1901) that the reefs situated S. 13° W. $2\frac{1}{2}$ miles and S. 56° W. $5\frac{1}{2}$ miles, respectively, from South Watcher island, having

been carefully searched for without success are considered not to exist. These reefs have in consequence been erased from the Admiralty Charts.

Approximate position, South Watcher island, lat. $0^{\circ} 7' N.$, long. $119^{\circ} 38\frac{1}{2}' E.$

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; Strait of Makassar, No. 2636: Also, Eastern Archipelago, part II, 1893, page 335.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 124.

[First Publication.]

AUSTRALIA.—TORRES STRAIT, INNER ROUTE.

Pipon island—Exhibition of new light.

WITH reference to Notice to Mariners No. 112, dated the 20th April, issued by this Office, the Port Master, Brisbane, has given further notice (No. 5 of 1901) that the new light was exhibited on the South Pipon Island on the 14th March, and the lightship at Channel Rock has been removed.

Chart affected, No. 2922; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 106.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Cape Selatan—Shoal water extending in a southerly direction.

THE British Admiralty has given notice (No. 192 of 1901) that a mud-bank is reported to extend from cape Selatan or Silat in a southerly direction, a sounding of 3 fathoms having been obtained, situated with the south-east point of the cape bearing $N. 72^{\circ} E.$, distant 5 miles.

Approximate position, lat. $4^{\circ} 12' S.$, long. $114^{\circ} 38' E.$

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 941b: Also Eastern Archipelago, part II, 1893, page 298.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 107.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA—BANKA STRAIT.

Banju Asin—Amended position of light buoy.

With reference to Notice to Mariners No. 66, dated 16th March last, issued by this office, the British Admiralty has given further notice (No. 194 of 1901) that the position of the light buoy, painted white, and exhibiting a *white occulting* light every *thirty seconds*, is about $6\frac{1}{2}$ miles S. 39° W. from Tanjong Api api, and not as stated in the former Notice. The white nun buoy about $2\frac{1}{2}$ miles S. 30° W. from Tanjong Api api should be replaced on the Chart.

Approximate position of light buoy on Chart No. 2757, lat. $2^{\circ} 21\frac{1}{4}'$ S., long. $104^{\circ} 48'$ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Gaspur and Banka straits*, No. 2149; *Banka strait to Singapore*, No. 2757; Also, *China Sea Directory*, vol. I, 1896, page 400, and Supplement, 1899, page 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 108.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

The Elfin bar.

THE Port Officer, Chandbally, states that Masters of steamers plying to Balasore should be careful in crossing the Elfin bar, as the bar is liable to deteriorate during the S.-W. monsoon. The crossing of this bar should not be attempted with less than 15 feet rise of tide at Saugor.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 109.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Port Pirie channel further deepened.

THE President, Marine Board, Port Adelaide, has given notice (No. 6 of 1901) that the Channel leading to Port Pirie Harbour has been further deepened, and is now not less than 150 feet wide with a depth of 15 feet at low water.

The work of widening certain portions of the Channel is being proceeded with, and, when finished, a new plan of the Harbour and approach will be issued.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 110.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle bank lightship removed for repairs.

THE President, Marine Board, Port Adelaide, has given notice (No. 7 of 1901) that the Lightship on Middle Bank will be removed for a short time during repairs.

During her absence the light will be exhibited by night and the ball by day from a ketch painted red and moored in the same position as that now occupied by the Lightship.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 111.

[Second Publication.]

AUSTRALIA, SOUTH-WEST COAST—STREAKY, SMOKY, DENIAL, AND MARAT BAYS.

Changes in the approaches.

THE President Marine Board, Port Adelaide, has given notice (No. 8 of 1901) of the following changes:—

Streaky Bay.

A Red Pile Beacon with circular head has been placed on the eastern extremity of South Sand, with the house near Perlubie Point bearing east. The Beacon is in six (6) feet of water with three (3) fathoms one hundred and fifty (150) feet to the eastward.

Dashwood Channel has been marked on the north side by two Black Buoys, the outer one is surmounted by a frame work and diamond top, the inner one by a staff and diamond. The south side is marked by two Red Buoys, surmounted with staff and ball.

The positions are as follows:—The outer Black Buoy is in four (4) fathoms water, with Brown Point bearing N. 80° W., Cape Bauer S. 24° W., and the outer Red Buoy and Olive Island in line bearing S. 45° W. The inner Black Buoy is in three (3) fathoms water, with Cape Bauer bearing S. 34° W. and the Red Beacon on South Sand bearing S. 60° E.

The outer Red Buoy is in four (4) fathoms water, with Cape Bauer bearing S. 20° W. and DeMole Point N. 50° W. The inner Red Buoy is in three (3) fathoms water, with Cape Bauer bearing S. 38° W. and DeMole Point N. 60° W.

The Channel has a clear depth of three (3) fathoms right through.

Smoky Bay.

Waterwitch Channel has been marked on the north side by two Black Buoys surmounted with staff and diamond; on the south side by two Red Buoys surmounted with staff and ball.

The positions are as follows:—Outer Black Buoy in three and a half (3½) fathoms water, with the west point of Eyre Spit bearing S. 10° W. and Saddle Peak N. 87° E. Inner Black Buoy in three (3) fathoms water, with Saddle Peak bearing S. 88° E. Cape D'Estree N. 18° W., and the inner Red Buoy in line with the west point of Eyre Island bearing S. 10° E.

Outer Red Buoy in three and a half (3½) fathoms water, with Saddle Peak bearing N. 80° E., Mount Younghusband N. 56° W., and Cape D'Estree N. 20° E. Inner Red Buoy in three (3) fathoms water, with Saddle Peak bearing N. 84° E., Cape D'Estree (west side) N. 17° W., and the west end of Eyre Island S. 8° E. This Channel has a clear passage of four (4) fathoms by keeping a fair distance off the Red Buoys, but a three (3) fathom tongue runs half way across the Channel from the inner Black Buoy.

Denial Bay.

Yatala Channel, south side, has been marked by Red Buoy, Staff, and Ball, in three (3) fathoms water, with Bird Rock bearing E.N.E.; also on north side, eastern end, by a black Buoy, Staff, and Diamond in two and a half (2½) fathoms water, Cape Beaufort bearing E. by N.; west side of Cape Thevenard N. ½ E., and Cape Vivonne E.S.E.

This channel has a clear passage of two and a half (2½) fathoms water right through.

Murat Bay.

The north end of the spit at the entrance to Murat Bay has been marked by a Black Beacon with diamond top; it is in six (6) feet of water.

All bearings are magnetic, and the depths given at O.L.W.S. This affects Admiralty Chart, No. 1061.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 112.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

South Pipon island—Exhibition of new light.

With reference to Notice to Mariners No. 201, dated the 11th August last, issued by this office, the Port Master, Brisbane, has given further notice (No. 4 of 1901) that the light will be exhibited from the new tower on South Pipon Island on or about the 13th or 14th instant, and the Channel Rock Lightship will be withdrawn. Should the weather be unfavourable, the Lightship will remain in her present position, exhibiting an ordinary riding light until her removal is practicable.

The tower from which the light will be exhibited is a skeleton structure 60 feet high, and the focal plane will be 55 feet above high water.

The light is of the 4th order dioptric, and will be visible through an arc of 160 degrees, white between bearings of N. 72° W. (through South) to N. 53° E., red between N. 53° E. and N. 76° E., and white between N. 76° E. and N. 88° E., and will be intensified over an arc of 11 degrees through the Barrow Strait. The light will be visible 13 miles in clear weather.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 113.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—MINDANAO.

Silino island—Reef extending south-westward.

The British Admiralty has given notice (No. 205 of 1901) that a breaking reef is reported to extend south-westward from Silino island for a distance of fully one mile.

Approximate position, lat. 8° 50' N., long. 123° 23' E.

This Notice affects the following Admiralty Charts:—*Molucca passage to Manila*, No. 943; *Sulu or Mindoro sea*, No. 2578; Also, *Eastern Archipelago, part I*, 1890, page 291; and *Revised Supplement*, 1898, page 64.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 22nd April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 114.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—SAMAR.

Reef between Kanahuan and Libukan islands.

The British Admiralty has given notice (No. 206 of 1901) that a reef, awash in two places, 50 yards apart, with only a depth of few feet in the intervening space, is reported

to exist between Kanahauan and Libukan islands, situated with the east point of Libukan island bearing N. 6° E., distant 3 miles, and east point of Kanahauan Dako, S. 58° E.

Approximate position, lat. 11° 51½' N., long. 124° 39½' E.

A depth of 7 fathoms was obtained at a distance of a quarter of a mile from the reef in an easterly and westerly direction, and the same depth at a distance of three-quarters of a mile in a northerly and southerly direction.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1890, page 329.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 115.

[Second Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE RIVER.

Light to be shifted and light buoys placed.

WITH reference to Notice to Mariners No. 212, dated the 4th November 1899, issued by this office, the British Admiralty has given further notice (No. 207 of 1901) that it is expected that the lighthouse on Wonga shoal will be completed about June 1901, and that when port Adelaide light is removed to this new position on the Wonga shoal and the lighthouse taken down, the entrance to the channel will be marked by a light buoy or buoys.

Approximate position, lat. 34° 48' S., long. 138° 28' E.

Further Notice will be given as to date of removal and establishment of lights and buoys.

This Notice affects the following Admiralty Chart:—Port Adelaide, Nos. 1752, 1750; Also, List of Lights, part VI, 1901, No. 1070; and Australia Directory, vol. I, 1897, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 116.

[Second Publication.]

CHINA.

SULU SEA—PHILIPPINE ISLANDS.

Basilan strait—Reef reported in fairway.

WITH reference to Notice to Mariners No. 41, dated 22nd April 1890, issued by this office, the British Admiralty has given further notice (No. 213 of 1901) that the shoal with a depth of 21 feet over it (named Luzon in E. Archipelago Sailing Directions) reported to exist in Basilan strait, and said to be situated with the east point of Sta. Cruz, or Great island, bearing N. 3° W., distant 4½ miles, has been searched for without success. This shoal, always considered doubtful, has therefore been expunged from the chart.

Approximate position, on chart No. 961, lat. $6^{\circ} 47' N.$, long. $122^{\circ} 4' E.$

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Sulu Archipelago*, No. 2576, 928; *Basilan strait*, No. 961: Also *Eastern Archipelago*, part I, 1890, page 98.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 117.

[Second Publication.]

CHINA.

Hongkong harbour works—Dolphins, buoys, wreck.

THE British Admiralty has given notice (No. 218 of 1901) that information, dated 9th February 1901, has been received from the Commodore, Hongkong, that works for the extension of the dockyard have been commenced, and that consequent thereon the following two dolphins have been erected, and buoys withdrawn:—

- (a) The Eastern dolphin is situated with Murray pier head bearing $S. 82^{\circ} W.$, distant 880 feet, and dockyard sheers, $S. 3^{\circ} W.$
- (b) The Western dolphin is situated with Murray pier head bearing $S. 31^{\circ} W.$, distant 380 feet, and dockyard sheers, $S. 33^{\circ} E.$

Approximate position, lat $22^{\circ} 17' N.$, long. $114^{\circ} 9\frac{1}{2}' E.$

A small red fixed light is exhibited from each of these dolphins.

Sandpiper and No. 12 buoys, moored at distances of about $1\frac{1}{2}$ and $\frac{3}{4}$ of a cable respectively northward of Murray pier head, have both been withdrawn.

Also, that the wreck of a dredger lies sunk about 400 feet; $N. 34^{\circ} W.$, from Murray pier head.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—*Hongkong harbour*, No. 1459: Also, *List of Lights*, part VI., 1901, page 118; *China Sea Directory*, vol. III., 1894, page 76; and *Supplement*, 1898, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 118.

[Second Publication.]

CHINA SEA—FORMOSA, NORTH-WEST COAST.

Paksa point—Construction of a lighthouse.

THE British Admiralty has given notice (No. 219 of 1901) that a lighthouse is in course of construction on Paksa point, from which it is stated a red and white revolving light every ten seconds is to be exhibited at an elevation of 121 feet above high water, and visible in clear weather from a distance of 18 miles.

Approximate position, lat. $25^{\circ} 2' N.$, long. $121^{\circ} 3' E.$

Further Notice will be given when the precise details are known, no information as to this light having yet been received from the Japanese authorities, but an unauthorised report states that it is already lit.

This Notice affects the following Admiralty Charts:—Amoy to Nagasaki, No. 2412; Formosa and strait, No. 1968; Ockseu to Tung Yung, No. 1761; Also, List of Lights, part VI, 1901, page 138; and China Sea Directory, vol. III, 1894, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 119.

[Second Publication.]

CHINA—GULF OF PE CHILL.

Taku approach—Wreck.

THE British Admiralty has given notice (No. 222 of 1901) that the wreck of an iron lighter lies sunk in the approach to Taku, situated with Taku light-vessel bearing N. 81° W., distant 4 miles.

Approximate position, lat. 38° 54½' N., long. 117° 56½' E.

The position is marked by a black spar.

(Variation 3° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Li tsin ho to Ning hai, No. 598; Also, China Sea Directory, vol. III, 1894, page 609.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 102.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

Kistna light.

WITH reference to Notice to Mariners No. 125 (1), dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 6 of 1901) that the double-flashing white light referred to in paragraph 1 thereof will, on and after the 1st May 1901, be exhibited from a masonry tower on the Goleonda Coast between False Point Divi and Point Divi—Latitude 15° 47' N., Longitude 80° 59' E. The light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

2. On the date of the exhibition of this light, the fixed white light now displayed on Point Divi will be discontinued, but its tower will be maintained as a landmark.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 103.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

South Canara—Kaph light.

With reference to Notice to Mariners No. 124 (1), dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 7 of 1901) that the triple-flashing white light referred to in paragraph 1 thereof will, on and after the 1st June 1901, be exhibited from a masonry tower on a rock near to the Kaph ruined battery—Latitude $13^{\circ} 13' N.$, Longitude $74^{\circ} 44' E.$ The light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 104.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

With reference to Notice to Mariners No. 320, dated 7th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 8 of 1901) that the Triple flashing white light referred to will, on and after 1st July 1901, be exhibited from a masonry tower on a rock at Seven Pagodas or Mahabalipuram—Latitude $12^{\circ} 37' N.$, Longitude $80^{\circ} 11' E.$ The light will be 134.99 feet above the sea and will be visible 18 miles in clear weather. The arc of illumination is from N. E. through E. to S. S. W. ($191^{\circ} 30'$). Bearings are magnetic and from seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 105.

[Third Publication.]

INDIA, SOUTH—GULF OF MANAR.

Tinnevely coast—Manapaud light.

With reference to Notice to Mariners No. 126, dated the 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 9 of 1901) that the double-flashing white light referred to in paragraph 1 thereof will, on and after the 1st May 1901, be exhibited from a masonry tower on Manapaud Point—Latitude $8^{\circ} 22' N.$, Longitude $78^{\circ} 04' E.$ This light will be 140 feet above the sea, and will be visible, in clear weather, from a distance of 18 miles in all directions seaward.

2. On the date of the exhibition of this light, the fixed red light now displayed on Manapaud Point will be discontinued and its tower removed in due course.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 8, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 125.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

China Bakir light re-exhibited.

WITH reference to Notice to Mariners No. 88, dated 2nd April 1901, issued by this office, the Port Officer, Rangoon, has given further notice that China Bakir former light was re-exhibited on the night of the 1st May.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 126.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

The New Elfin Channel.

THE Port Officer, Chandbali, has given notice that the New Elfin Channel has slightly shifted to southward. Transit marks have been shifted 2,500 feet S.S.W. of former position. Transit on from seaward W. by N. magnetic. The marks are two posts surmounted with globe, front mark black and back mark white. The centre Elfin buoy has been painted red, and is now a starboard hand-buoy. There is 3 feet reduced at buoy. The inner Elfin black buoy has been shifted 100 feet east of former position in 3 feet reduced. Masters of vessels should get transit marks on a little to northward of Fairway buoy and come in marks on W. by N. until the centre and inner Elfin buoys are in line; then proceed in line of buoys. There is now 2 feet reduced on the bar. Masters should be cautious in crossing the bar, as the channel is still liable to shift further to the southward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 127.

[First Publication.]

AUSTRALIA—CLEVELAND BAY.

Sunken wreck off the Cape.

THE Port Master, Brisbane, has given notice (No. 6 of 1901) that the wreck of the small steamer *Maggie Weston* lies sunk in Cleveland Bay, bearing West half North, $1\frac{1}{4}$ miles from Cape Cleveland.

The position of the wreck is marked by a green buoy, and as it lies in the Fairway Masters of vessels are cautioned to exercise every care when navigating that locality.

Charts affected, Nos. 348 and 1102, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 6th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 128.

[First Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot Shoal Lightship away from position.

THE Port Master, Brisbane, has given notice (No. 7 of 1901) that the *Proudfoot Shoal* Lightship is away from her position. She will be replaced as soon as practicable. She was last reported ten miles south-west from Booby Island.

Chart affected, No. 2354, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 6th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 129.

[First Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot Shoal—A temporary light-vessel.

THE Port Master, Brisbane, has given notice (No. 8 of 1901) that within the next few days and until the Light-ship is remoored, the schooner *Governor Cairns* will be moored in the approximate position lately occupied by the *Proudfoot Shoal* Light-ship. During the night a fixed white light will be exhibited.

Chart affected, No. 2354; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 6th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 130.

[First Publication.]

AUSTRALIA, SOUTH-WEST COAST—FOWLER BAY.

A Warping Buoy placed.

THE President, Marine Board, Port Adelaide, has given notice (No. 9 of 1901) that Ship-masters and others are hereby informed that a Warping Buoy, painted black, has been placed in a position about 100 fathoms to seaward of, and in a direct line with, the *Fowler*

Bay Jetty. As the anchor has only about 7 ft. 6 in. of water over it at L. W. S., a small Cask Buoy has been placed to mark its exact position, which vessels should be careful to avoid. The mooring in question is for warping only, and must not on any account be used for any other purpose.

This affects Admiralty Chart No. 1061.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 131.

[First Publication.]

INDIA, SOUTH—CEYLON COAST.

Colombo harbour Pilot signals—Amended.

With reference to Notice to Mariners No. 33, dated 6th February 1900, issued by this office, the British Admiralty has given further notice (No. 234 of 1901) that the signification of one of the signals made from the Pilot-station tower in answer to vessels' signals for a pilot at night time, viz., a white flashing light for a period of about two minutes, indicates that a vessel should anchor well out or keep under way until daylight, and not that bad weather prevents pilot from coming out, as stated in the above notice.

Approximate position, lat. $6^{\circ} 56' N.$, long. $79^{\circ} 50' E.$

This Notice affects the following Admiralty Charts:—Ceylon, No. 813; Colombo harbour, No. 914; also Bay of Bengal, 1892, page 46, and West Coast of Hindustan, 1898, page 95.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 132.

[First Publication.]

AFRICA, EAST COAST—PORT MOMBASA ENTRANCE.

Buoys established.

THE British Admiralty has given notice (No. 235 of 1901) that information, dated 20th February 1901, has been received from the Port Officer, Mombasa, that the under-mentioned buoys have been established at the entrance to that port in the undermentioned positions:—

- (1) A conical buoy, painted red, surmounted by staff and globe, moored with the front leading pillar (in line with rear pillar) into port Kilindini, bearing S. $66^{\circ} W.$ distant 12 cables, and Mvita fort flagstaff, N. $27^{\circ} W.$

Approximate position, lat. $4^{\circ} 44' S.$, long. $39^{\circ} 41\frac{1}{2}' E.$

- (2) A can buoy, painted black, surmounted by staff and cage, moored with the front leading pillar into port Kilindini, bearing S. $72^{\circ} W.$, distant $8\frac{1}{2}$ cables, and Mvita fort flagstaff bearing N. $3^{\circ} W.$
- (3) A conical buoy, painted red, surmounted by staff and globe, moored with the front leading pillar into port Kilindini, bearing S. $56^{\circ} W.$, distant $3\frac{1}{2}$ cables, and the eastern extreme of Ras Muaka Singe, S. $2^{\circ} E.$

(Variation 8° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Port Mombasa, No. 666; also Africa Pilot, part III, 1897, page 491; and Supplement, 1900, page 31.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 133.

[First Publication.]

CHINA SEA—THE PHILIPPINES—BOHUL ISLAND.

Lumittis island—Reef to the eastward.

THE British Admiralty has given notice (No. 236 of 1901) that a reef about three quarters of a mile long, N.N.W. and S.S.E., and 150 to 50 yards wide, with depths varying from about 3 feet on its southern end to 3 fathoms on its northern end, is reported to exist to the eastward of Lumittis island. From near the southern end of the reef Namanuko Point bore S. 7° E., distant 4 miles, and the south point of Lumittis island N. 87° W.

Approximate position, lat. 9° 50½' N., long. 124° 36' E.

Depths of from 7 to 13 fathoms were obtained close to on the northern, western, and southern sides of the reef.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Sulu or Mindoro sea, No. 2578; also Eastern Archipelago, part I, 1890, page 265, and Revised Supplement, 1898, page 63.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 134.

[First Publication.]

CHINA SEA—THE PHILIPPINES—LUZON, NORTH COAST.

Palambanes island—Reef to the southward.

THE British Admiralty has given notice (No. 237 of 1901) that a reef awash and about 500 yards in extent is reported to exist at a distance of about 4 miles S. 37° W. from the western extreme of Palambanes (Palumbanes) island in the approach to Maqueda channel.

Approximate position, lat. 14° 2' N., long. 123° 58' E.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; St. Bernardino and Mindoro straits, No. 2577; also Eastern Archipelago, part I, 1890, page 342.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 135.

[First Publication.]

CHINA—GULF OF PECHILI.

Sha lui tien light—Intended alteration in character.

THE British Admiralty has given notice (No. 242 of 1901) that during April of the present year it is intended to replace the white fixed light exhibited at Sha lui tien Tsao-

fei-tien) island by a *white group flashing* light of the 4th order, which will show *two flashes* in quick succession *every twenty seconds*.

Approximate position, lat. $38^{\circ} 55\frac{1}{2}'$ N., long. $118^{\circ} 31'$ E.

This Notice affects the following Admiralty Charts:—Hong Kong to Liau tung gulf, No. 1262; Pechili and Liau tung gulfs, No. 1256; Li-tsin ho to Ning hai, No. 598; also List of Lights, part VI, 1901, No. 789; and China Sea Directory, vol. III, 1894, page 622.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 136.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST.

Sabang bay—Intended alteration in Masam Point light.

THE British Admiralty has given notice (No. 244 of 1901) that the red fixed light on Masam Point, Sabang bay, Pulo Weh, will be replaced by a *white fixed* light of the 6th order, visible from a distance of 10 miles.

It will be shown from an iron framework support 47 feet high, painted white.

Approximate position, lat. $5^{\circ} 53\frac{1}{2}'$ N., long. $95^{\circ} 19\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—Acheh head to Diamond Point, No. 219; Plan of Sabang bay on sheet No. 2201; also List of Lights, part VI, 1901, No. 387; China Sea Directory, vol. I, 1896, page 48; Supplement, 1899, page 5; Bay of Bengal Pilot, 1892, page 262; and Hydrographic Notice No. 4, 1895, page 23.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 137.

[First Publication.]

JAPAN—SIMONOSEKI STRAIT.

Shoal marked by light buoy.

THE British Admiralty has given notice (No. 245 of 1901) that the shoal with a depth of $3\frac{1}{2}$ fathoms in Simonoseki strait, situated with Manaita rock beacon, bearing N. 11° W., distant $5\frac{1}{2}$ cables, will shortly be marked by an iron conical light buoy, painted red, exhibiting a *white fixed* light.

Approximate position, lat. $33^{\circ} 54'$ N., long. $130^{\circ} 54'$ E.

The character of this light will eventually be altered to occulting, of which further notice will be given.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Seto Uchi, No. 2875; Hirado no seto to Simonoseki strait, No. 127; Simonoseki strait, No. 532; also China Sea Directory, vol. IV, 1894, page 433; and Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 138.

[First Publication.]

JAPAN—INLAND SEA.

Shiaku Seto—Wreck in eastern approach.

THE British Admiralty has given notice (No. 253 of 1901) that the wreck of a large vessel lies sunk in the eastern approach to Shiaku Seto (St. Vincent Channel), situated at a distance of about $9\frac{1}{2}$ cables S. 72° E. from Nate sima light-house.

Approximate position, lat. $34^{\circ} 22\frac{3}{4}'$ N., long $133^{\circ} 50\frac{1}{4}'$ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—*Seto Uchi*, No. 2875; *Bingo Nada*, &c., No. 128; also *China Sea Directory*, vol. IV, 1894, page 283.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 139.

[First Publication.]

CHINA—YANG TSE KIANG.

Pilots' cruising ground.

THE British Admiralty has given notice (No. 255 of 1901) that the licensed pilots of Shanghai no longer cruise off the Saddle islands or in the vicinity, but their boats are to be found at anchor or cruising off the Fairway bell buoy (red and black) in the southern approach to the Yang tse, except when a north-west gale is blowing or expected, when they will be found either inside the Tungsha light-vessel, or under the lee of cape Yang tse, or the Saddle islands.

Approximate position, Fairway buoy, lat. $31^{\circ} 3\frac{1}{4}'$ N., long. $122^{\circ} 9\frac{1}{4}'$ E.

This Notice affects—*China Sea Directory*, vol. III, 1894, page 408.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 140.

[First Publication.]

PACIFIC OCEAN—HAWAIIAN ISLANDS.

Laysan island—Light established.

THE British Admiralty has given notice (No. 256 of 1901) that a white fixed light, elevated about 52 feet above high water, and visible from a distance of about 5 miles, has been established by a private company on the north-eastern point of Laysan island. It is exhibited from a light-house 38 feet high during the shipping season from April to September annually.

Approximate position, lat. $25^{\circ} 48'$ N., long. $171^{\circ} 52'$ W.

This Notice affects the following Admiralty Charts:—*Pacific Ocean*, No. 782; *Laysan island*, on sheet No. 1141; also *List of Lights*, part VII, 1901, page 78; and *Pacific islands*, vol. III, 1900, page 248.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 141.

[First Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

With reference to Notice to Mariners No. 320, dated 7th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice that the triple-flashing white light referred to will, on and after 1st July 1901, be exhibited from a masonry tower on a rock at Seven Pagodas or Mahabalipuram. Latitude $12^{\circ} 36' 50''$ N. Longitude $80^{\circ} 11' 30''$ E. The light will be 134.99 feet above the sea, and will be visible 18 miles in clear weather from every direction seaward.

(This cancels Notice to Mariners No. 104, dated 12th April 1901.)

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 120.

[Second Publication.]

AFRICA, NORTH-EAST COAST—RED SEA.

Loheiya to Farisan islands—Reefs reported.

THE British Admiralty has given notice (No. 223 of 1901) of the existence of the undermentioned reefs between Loheiya and Farisan islands:—

- (a) A reef extends from Kandamán Kebir for about $1\frac{1}{2}$ to 2 miles in a north-easterly direction.

Approximate position lat. $15^{\circ} 35'$ N., long. $42^{\circ} 33'$ E.

As the reef marked P.D. on the Chart about 1 mile eastward of this was not seen under favourable circumstances, it has been erased from the Chart.

- (b) The two islets situated about $2\frac{1}{2}$ miles to the southward of the south-west point of Entufash island are reported to be joined by a shoal bank to the island, with no passage between.

Approximate position, lat. $15^{\circ} 38'$ N., long. $42^{\circ} 22'$ E.

- (c) A reef extends in a northerly direction from the north point of Kotama island for a distance of about 2 miles.

Approximate position, lat. $15^{\circ} 43'$ N., long. $42^{\circ} 16'$ E.

- (d) A reef extends in a southerly direction from the south point of Sana island for a distance of about $1\frac{1}{2}$ miles.

Approximate position, Sana island, lat. $16^{\circ} 7\frac{1}{2}'$ N., long. $42^{\circ} 15'$ E.

- (e) A shoal with a depth of $2\frac{1}{2}$ fathoms over it is reported to exist in approximately lat. $16^{\circ} 23' 10''$ N., long. $42^{\circ} 3' 30''$ E.; and another with a depth of 3 fathoms over it in approximately lat. $16^{\circ} 27\frac{1}{2}'$ N., long. $42^{\circ} 3\frac{1}{2}'$ E.

This Notice affects the following Admiralty Chart:—Red sea, No. 8d: Also, Red sea, &c., Pilot, 1900, pages 308, 332, 333, 331, 328.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 121.

[Second Publication.]

CHINA SEA—COCHIN CHINA.

Banda shoal erased from chart.

THE British Admiralty has given notice (No. 224 of 1901) that information received from the Board of Trade shows that the Banda reef in the China Sea placed on the charts in lat. 8° N., long. 107° E., was inserted under a misapprehension, as that vessel struck, in September 1871, on the reef extending from Lumbukan island in Balabac strait in lat. $7^{\circ} 49'$ N., long. $117^{\circ} 12'$ E. Banda Reef has therefore been expunged from the Admiralty Charts.

This Notice affects the following Admiralty Chart:—China Sea, Nos. 1263, 2660a: Also, China Sea Directory, vol. II, 1899, page 108.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 27th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 122.

[Second Publication.]

PACIFIC OCEAN—LISIANSKY ISLAND.

Reefs to the southward.

THE British Admiralty has given notice (No. 226 of 1901) that the master of the British ship *Springbank* reports that on the 11th September 1900 his vessel struck at night on a reef lying about 11 or 12 miles south-eastward of Lisiansky island. This reef, which is of considerable extent, was partially examined by the master of the *Springbank*, as the ship was entangled by shoals for 14 days; in it is an opening to the eastward forming a bay, encumbered with shoals, 3 miles deep.

As reefs have been previously reported in a south-easterly direction from Lisiansky island, and soundings obtained of from 15 to 20 fathoms in from $25^{\circ} 43'$ to $26^{\circ} 3'$ north latitude, and $173^{\circ} 19'$ to $173^{\circ} 22'$ west longitude, it is probable that a large bank extends for about 30 miles from Lisiansky on which are coral reefs. Vessels consequently should approach Lisiansky from the southward and eastward with great caution.

Approximate position of shoal, lat. $25^{\circ} 50'$ N., long. $173^{\circ} 45'$ W.

CAUTION.—The longitude of Lisiansky island has not yet been satisfactorily ascertained. It is said to be east of the position shown on the chart, viz., $173^{\circ} 57'$ W.

This Notice affects the following Admiralty Chart:—Pacific ocean, No. 782: Also, Pacific islands, vol. III, 1900, page 249.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 27th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 123.

[Second Publication.]

EASTERN ARCHIPELAGO—MAKASSAR STRAIT, CELEBES.

South Watcher island—Non-existence of reefs to the southward.

THE British Admiralty has given notice (No. 231 of 1901) that the reefs situated S. 13° W. $2\frac{1}{2}$ miles and S. 56° W. $5\frac{1}{2}$ miles, respectively, from South Watcher island, having been carefully searched for without success are considered not to exist. These reefs have in consequence been erased from the Admiralty Charts.

Approximate position, South Watcher island, lat. $0^{\circ} 7'$ N., long. $119^{\circ} 38\frac{1}{2}'$ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; Strait of Makassar, No. 2636: Also, Eastern Archipelago, part II, 1893, page 335.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 27th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT,

NOTICE TO MARINERS—No. 124.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Pipon island—Exhibition of new light.

WITH reference to Notice to Mariners No. 112, dated the 20th April, issued by this Office, the Port Master, Brisbane, has given further notice (No. 5 of 1901) that the new light was exhibited on the South Pipon Island on the 14th March, and the lightship at Channel Rock has been removed.

Chart affected, No. 2922; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 27th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 106.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Cape Selatan—Shoal water extending in a southerly direction.

THE British Admiralty has given notice (No. 192 of 1901) that a mud-bank is reported to extend from cape Selatan or Silat in a southerly direction, a sounding of 3 fathoms having been obtained, situated with the south-east point of the cape bearing N. 72° E., distant 5 miles.

Approximate position, lat. 4° 12' S., long. 114° 38' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 941b: Also Eastern Archipelago, part II, 1893, page 298.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 107.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA—BANKA STRAIT.

Banju Asin—Amended position of light buoy.

WITH reference to Notice to Mariners No. 66, dated 16th March last, issued by this office, the British Admiralty has given further notice (No. 194 of 1901) that the position of the light buoy, painted white, and exhibiting a white occulting light every thirty seconds, is about 6½ miles S. 39° W. from Tanjong Api api, and not as stated in the former Notice. The white nun buoy about 2½ miles S. 30° W. from Tanjong Api api should be replaced on the Chart.

Approximate position of light buoy on Chart No. 2757, lat. 2° 21½' S., long. 104° 48' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Gaspar and Banka straits, No. 2149; Banka strait to Singapore, No. 2757: Also, China Sea Directory, vol. I, 1896, page 400, and Supplement, 1899, page 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 108.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

The Elfin bar.

THE Port Officer, Chandbally, states that Masters of steamers plying to Balasore should be careful in crossing the Elfin bar, as the bar is liable to deteriorate during the S.-W. monsoon. The crossing of this bar should not be attempted with less than 15 feet rise of tide at Saugor.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 109.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Port Pirie channel further deepened.

THE President, Marine Board, Port Adelaide, has given notice (No. 6 of 1901) that the Channel leading to Port Pirie Harbour has been further deepened, and is now not less than 150 feet wide with a depth of 15 feet at low water.

The work of widening certain portions of the Channel is being proceeded with, and, when finished, a new plan of the Harbour and approach will be issued.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 110.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle bank lightship removed for repairs.

THE President, Marine Board, Port Adelaide, has given notice (No. 7 of 1901) that the Lightship on Middle Bank will be removed for a short time during repairs.

During her absence the light will be exhibited by night and the ball by day from a ketch painted red and moored in the same position as that now occupied by the Lightship.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 111.

[Third Publication.]

AUSTRALIA, SOUTH-WEST COAST—STREAKY, SMOKY, DENIAL, AND MARAT BAYS.

Changes in the approaches.

THE President Marine Board, Port Adelaide, has given notice (No. 8 of 1901) of the following changes:—

Streaky Bay.

A Red Pile Beacon with circular head has been placed on the eastern extremity of South Sand, with the house near Perlubie Point bearing east. The Beacon is in six (6) feet of water with three (3) fathoms one hundred and fifty (150) feet to the eastward.

Dashwood Channel has been marked on the north side by two Black Buoys, the outer one is surmounted by a frame work and diamond top, the inner one by a staff and diamond. The south side is marked by two Red Buoys, surmounted with staff and ball.

The positions are as follows:—The outer Black Buoy is in four (4) fathoms water, with Brown Point bearing N. 80° W., Cape Bauer S. 24° W., and the outer Red Buoy and Olive Island in line bearing S. 45° W. The inner Black Buoy is in three (3) fathoms water, with Cape Bauer bearing S. 34° W. and the Red Beacon on South Sand bearing S. 60° E.

The outer Red Buoy is in four (4) fathoms water, with Cape Bauer bearing S. 20° W. and DeMole Point N. 50° W. The inner Red Buoy is in three (3) fathoms water, with Cape Bauer bearing S. 38° W. and DeMole Point N. 60° W.

The Channel has a clear depth of three (3) fathoms right through.

Smoky Bay.

Waterwitch Channel has been marked on the north side by two Black Buoys surmounted with staff and diamond; on the south side by two Red Buoys surmounted with staff and ball.

The positions are as follows:—Outer Black Buoy in three and a half (3½) fathoms water, with the west point of Eyre Spit bearing S. 10° W. and Saddle Peak N. 87° E. Inner Black Buoy in three (3) fathoms water, with Saddle Peak bearing S. 88° E. Cape D'Estree N. 18° W., and the inner Red Buoy in line with the west point of Eyre Island bearing S. 10° E.

Outer Red Buoy in three and a half (3½) fathoms water, with Saddle Peak bearing N. 80° E., Mount Younghusband N. 56° W., and Cape D'Estree N. 20° E. Inner Red Buoy in three (3) fathoms water, with Saddle Peak bearing N. 84° E., Cape D'Estree (west side) N. 17° W., and the west end of Eyre Island S. 8° E. This Channel has a clear passage of four (4) fathoms by keeping a fair distance off the Red Buoys, but a three (3) fathom tongue runs half way across the Channel from the inner Black Buoy.

Denial Bay.

Yatala Channel, south side, has been marked by Red Buoy, Staff, and Ball, in three (3) fathoms water, with Bird Rock bearing E.N.E.; also on north side, eastern end, by a black Buoy, Staff, and Diamond in two and a half (2½) fathoms water, Cape Beaufort bearing E. by N.; west side of Cape Thevenard N. ½ E., and Cape Vivonne E.S.E.

This channel has a clear passage of two and a half (2½) fathoms water right through.

Murat Bay.

The north end of the spit at the entrance to Murat Bay has been marked by a Black Beacon with diamond top; it is in six (6) feet of water.

All bearings are magnetic, and the depths given at O.L.W.S. This affects Admiralty Chart, No. 1061.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 112.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

South Pipon island—Exhibition of new light.

WITH reference to Notice to Mariners No. 201, dated the 11th August last, issued by this office, the Port Master, Brisbane, has given further notice (No. 4 of 1901) that the light will be exhibited from the new tower on South Pipon Island on or about the 13th or 14th instant, and the Channel Rock Lightship will be withdrawn. Should the weather be unfavourable, the Lightship will remain in her present position, exhibiting an ordinary riding light until her removal is practicable.

The tower from which the light will be exhibited is a skeleton structure 60 feet high, and the focal plane will be 55 feet above high water.

The light is of the 4th order dioptric, and will be visible through an arc of 160 degrees, white between bearings of N. 72° W. (through South) to N. 53° E., red between N. 53° E. and N. 76° E., and white between N. 76° E. and N. 8° E., and will be intensified over an arc of 11 degrees through the Barrow Strait. The light will be visible 13 miles in clear weather.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th April 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 113.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—MINDANAO.

Silino island—Reef extending south-westward.

THE British Admiralty has given notice (No. 205 of 1901) that a breaking reef is reported to extend south-westward from Silino island for a distance of fully one mile.

Approximate position, lat. $8^{\circ} 50' N.$, long. $123^{\circ} 23' E.$

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; Sulu or Mindoro sea, No. 2578; Also, Eastern Archipelago, part I, 1890, page 291; and Revised Supplement, 1898, page 64.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 114.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—SAMAR.

Reef between Kanahauan and Libukan islands.

THE British Admiralty has given notice (No. 206 of 1901) that a reef, awash in two places, 50 yards apart, with only a depth of few feet in the intervening space, is reported to exist between Kanahauan and Libukan islands, situated with the east point of Libukan island bearing $N. 6^{\circ} E.$, distant 3 miles, and east point of Kanahauan Dako, $S. 58^{\circ} E.$

Approximate position, lat. $11^{\circ} 51\frac{1}{2}' N.$, long. $124^{\circ} 39\frac{1}{2}' E.$

A depth of 7 fathoms was obtained at a distance of a quarter of a mile from the reef in an easterly and westerly direction, and the same depth at a distance of three-quarters of a cable in a northerly and southerly direction.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1890, page 329.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 115.

[Third Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE RIVER.

Light to be shifted and light buoys placed.

WITH reference to Notice to Mariners No. 212, dated the 4th November 1899, issued by this office, the British Admiralty has given further notice (No. 207 of 1901) that it is expected that the lighthouse on Wonga shoal will be completed about June 1901, and that when port Adelaide light is removed to this new position on the Wonga shoal and the lighthouse taken down, the entrance to the channel will be marked by a light buoy or buoys.

Approximate position, lat. $34^{\circ} 48' S.$, long. $138^{\circ} 28' E.$

Further Notice will be given as to date of removal and establishment of lights and buoys.

This Notice affects the following Admiralty Chart:—Port Adelaide, Nos. 1752, 1750; Also, List of Lights, part VI, 1901, No. 1070; and Australia Directory, vol. I, 1897, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 116.

[Third Publication.]

CHINA.

SULU SEA—PHILIPPINE ISLANDS.

Basilan strait—Reef reported in fairway.

WITH reference to Notice to Mariners No. 41, dated 22nd April 1890, issued by this office, the British Admiralty has given further notice (No. 213 of 1901) that the shoal with a depth of 21 feet over it (named *Luzon* in E. Archipelago Sailing Directions) reported to exist in Basilan strait, and said to be situated with the east point of Sta. Cruz, or Great island, bearing N. 3° W., distant 4½ miles, has been searched for without success. This shoal, always considered doubtful, has therefore been expunged from the chart.

Approximate position, on chart No. 961, lat. 6° 47' N., long. 122° 4' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Sulu Archipelago, No. 2576, 928; Basilan strait, No. 961: Also Eastern Archipelago, part I, 1890, page 98.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 117.

[Third Publication.]

CHINA.

Hongkong harbour works—Dolphins, buoys, wreck.

THE British Admiralty has given notice (No. 218 of 1901) that information, dated 9th February 1901, has been received from the Commodore, Hongkong, that works for the extension of the dockyard have been commenced, and that consequent thereon the following two dolphins have been erected, and buoys withdrawn:—

- (a) The Eastern dolphin is situated with Murray pier head bearing S. 82° W., distant 880 feet, and dockyard sheers, S. 3° W.
- (b) The Western dolphin is situated with Murray pier head bearing S. 31° W., distant 380 feet, and dockyard sheers, S. 33° E.

Approximate position, lat 22° 17' N., long. 114° 9½' E.

A small red fixed light is exhibited from each of these dolphins. Sandpiper and No. 12 buoys, moored at distances of about 1½ and ½ of a cable respectively northward of Murray pier head, have both been withdrawn. Also, that the wreck of a dredger lies sunk about 400 feet, N. 34° W., from Murray pier head.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Hongkong harbour, No. 1459: Also, List of Lights, part VI., 1901, page 118; China Sea Directory, vol. III., 1894, page 76; and Supplement, 1898, page 9.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 118.

[Third Publication.]

CHINA SEA—FORMOSA, NORTH-WEST COAST.

Paksa point—Construction of a lighthouse.

THE British Admiralty has given notice (No. 219 of 1901) that a lighthouse is in course of construction on Paksa point, from which it is stated a *red* and *white* revolving light every *ten seconds* is to be exhibited at an elevation of 121 feet above high water, and visible in clear weather from a distance of 18 miles.

Approximate position, lat. $25^{\circ} 2' N$, long. $121^{\circ} 3' E$.

Further Notice will be given when the precise details are known, no information as to this light having yet been received from the Japanese authorities, but an unauthorised report states that it is already lit.

This Notice affects the following Admiralty Charts:—Amoy to Nagasaki, No. 2412, Formosa and strait, No. 1968; Ockseu to Tung Yung, No. 1761; Also, List of Lights, part VI 1901, page 138; and China Sea Directory, vol. III, 1894, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th April 1901.

C. B. BAXLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 119.

[Third Publication.]

CHINA—GULF OF PE CHILI.

Taku approach—Wreck.

THE British Admiralty has given notice (No. 222 of 1901) that the wreck of an iron lighter lies sunk in the approach to Taku, situated with Taku light-vessel bearing $N. 81^{\circ} W.$, distant 4 miles.

Approximate position, lat. $38^{\circ} 54' N$, long. $117^{\circ} 56' E$

The position is marked by a black spar.

(Variation 3° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Li tsin ho to Ning hai, No. 598; Also, China Sea Directory, vol. III, 1894, page 609. seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th April 1901.

C. B. BAXLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 15, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 142.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Intended alteration in the position of Elephant lights.

THE Bombay Government has given notice (No. 26 of 1901) that information has been received from the Port Officer, Rangoon, that it is intended to remove on 22nd March 1901 the lights at Elephant Point 150 feet to the southward on the same line of bearings.

This Notice affects the following Admiralty publications:—*Chart, Rangoon River and approaches, No. 833; Bay of Bengal Pilot, Second Edition, 1892, page 325, and List of Lights, Part VI, 1900, No. 367.*

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 143.

[First Publication.]

INDIA, WEST—MALABAR COAST.

Quilon Roads—Red buoy out of position.

THE Master Attendant, Alleppey, has given notice that the Red Buoy which marks the entrance to the Quilon Roads at the Northern end is reported to have drifted out of position. It will be taken in as soon as possible, and will probably not be replaced this season.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 144.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Spit light vessel removed for repairs.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that Spit light vessel showing twelve-mile light will be removed on the 16th May for repairs. She will be replaced temporarily by another vessel exhibiting a white light visible all round the horizon at a distance of five miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 145.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 7th May and reduced to zero:—

					FT. IN.
<i>Track No. I—Outer bar—</i>					
Disc on mast with black and white casks ...	...	...	...	7	9
Disc in centre between diamond and mast with white and black casks ...	...	...	...	10	3
Disc on diamond ...	...	...	...	10	6
<i>Track No. II—Inner bar—</i>					
Disc on mast with black and white casks ...	...	...	...	9	3
Disc in centre between diamond and mast with black and white casks ...	...	...	...	11	0
Disc on diamond ...	...	...	...	11	0
<i>Track No. III—</i>					
Tripod on cross and ball ...	...	...	...	21	0
<i>Track No. IV—</i>					
Triangle on mast with black and white casks ...	...	...	...	22	0
<i>Track No. V—Guptakhalli crossing—</i>					
Old marks ...	...	...	...	8	0
Centre ...	...	...	...	17	6
Tripod on diamond ...	...	...	...	20	0

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 146.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA SEA.

Position of a wreck.

THE Master of the S.S. *Fazilka* reports that on the 21st April at 2-30 P.M., when passing through Carmiata Straits, and in Lat. 2° 35' 00" S., Long. 109° 08' 00" E., he passed

the mast of a vessel standing upright about 15 feet above the water, with other wreckage one mile to the eastward, evidently parts of a wrecked vessel.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 125.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

China Bakir light re-exhibited.

WITH reference to Notice to Mariners No. 88, dated 2nd April 1901, issued by this office, the Port Officer, Rangoon, has given further notice that China Bakir former light was re-exhibited on the night of the 1st May.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 126.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

The New Elfin Channel.

THE Port Officer, Chandbali, has given notice that the New Elfin Channel has slightly shifted to southward. Transit marks have been shifted 2,500 feet S.S.W. of former position. Transit on from seaward W. by N. magnetic. The marks are two posts surmounted with globe, front mark black and back mark white. The centre Elfin buoy has been painted red, and is now a starboard hand-buoy. There is 3 feet reduced at buoy. The inner Elfin black buoy has been shifted 100 feet east of former position in 3 feet reduced. Masters of vessels should get transit marks on a little to northward of Fairway buoy and come in marks on W. by N. until the centre and inner Elfin buoys are in line; then proceed in line of buoys. There is now 2 feet reduced on the bar. Masters should be cautious in crossing the bar, as the channel is still liable to shift further to the southward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 127.

[Second Publication.]

AUSTRALIA—CLEVELAND BAY.

Sunken wreck off the Cape.

THE Port Master, Brisbane, has given notice (No. 6 of 1901) that the wreck of the small steamer *Maggie Weston* lies sunk in Cleveland Bay, bearing West half North, 1½ miles from Cape Cleveland.

The position of the wreck is marked by a green buoy, and as it lies in the Fairway Masters of vessels are cautioned to exercise every care when navigating that locality.

Charts affected, Nos. 348 and 1102, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 128.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot Shoal Lightship away from position.

THE Port Master, Brisbane, has given notice (No. 7 of 1901) that the Proudfoot Shoal Lightship is away from her position. She will be replaced as soon as practicable. She was last reported ten miles south-west from Booby Island.

Chart affected, No. 2354, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 129.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot Shoal—A temporary light-vessel.

THE Port Master, Brisbane, has given notice (No. 8 of 1901) that within the next few days and until the Light-ship is remoored, the schooner *Governor Cairns* will be moored in the approximate position lately occupied by the Proudfoot Shoal Light-ship. During the night a fixed white light will be exhibited.

Chart affected, No. 2354; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 130.

[Second Publication.]

AUSTRALIA, SOUTH-WEST COAST—FOWLER BAY.

A Warping Buoy placed.

THE President, Marine Board, Port Adelaide, has given notice (No. 9 of 1901) that Ship-masters and others are hereby informed that a Warping Buoy, painted black, has been placed in a position about 100 fathoms to seaward of, and in a direct line with, the Fowler Bay Jetty. As the anchor has only about 7 ft. 6 in. of water over it at L. W. S., a small Cask Buoy has been placed to mark its exact position, which vessels should be careful to avoid. The mooring in question is for warping only, and must not on any account be used for any other purpose.

This affects Admiralty Chart No. 1061.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 131.

[Second Publication.]

INDIA, SOUTH—CEYLON COAST.

Colombo harbour Pilot signals—Amended.

WITH reference to Notice to Mariners No. 33, dated 6th February 1900, issued by this office, the British Admiralty has given further notice (No. 234 of 1901) that the signification of one of the signals made from the Pilot-station tower in answer to vessels' signals for a

pilot at night time, viz., a white flashing light for a period of about two minutes, indicates that a vessel should anchor well out or keep under way until daylight, and not that bad weather prevents pilot from coming out, as stated in the above notice.

Approximate position, lat. $6^{\circ} 56' N.$, long. $79^{\circ} 50' E.$

This Notice affects the following Admiralty Charts:—Ceylon, No. 813; Colombo harbour, No. 914; also Bay of Bengal, 1892, page 46, and West Coast of Hindustan, 1898, page 95.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy, Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 132.

[Second Publication.]

AFRICA, EAST COAST—PORT MOMBASA ENTRANCE.

Buoys established.

THE British Admiralty has given notice (No. 235 of 1901) that information, dated 20th February 1901, has been received from the Port Officer, Mombasa, that the under-mentioned buoys have been established at the entrance to that port in the undermentioned positions:—

- (1) A conical buoy, painted red, surmounted by staff and globe, moored with the front leading pillar (in line with rear pillar) into port Kilindini, bearing S. $66^{\circ} W.$ distant 12 cables, and Mvita fort flagstaff, N. $27^{\circ} W.$

Approximate position, lat. $4^{\circ} 4\frac{1}{4}' S.$, long. $39^{\circ} 41\frac{1}{2}' E.$

- (2) A can buoy, painted black, surmounted by staff and cage, moored with the front leading pillar into port Kilindini, bearing S. $72^{\circ} W.$, distant $8\frac{1}{2}$ cables, and Mvita fort flagstaff bearing N. $3^{\circ} W.$
- (3) A conical buoy, painted red, surmounted by staff and globe, moored with the front leading pillar into port Kilindini, bearing S. $56^{\circ} W.$, distant $3\frac{1}{2}$ cables, and the eastern extreme of Ras Muaka Singe, S. $2^{\circ} E.$

(Variation 8° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Port Mombasa, No. 666; also Africa Pilot, part III, 1897, page 491; and Supplement, 1900, page 31.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 133.

[Second Publication.]

CHINA SEA—THE PHILIPPINES—BOHUL ISLAND.

Lumittis island—Reef to the eastward.

THE British Admiralty has given notice (No. 236 of 1901) that a reef about three quarters of a mile long, N.N.W. and S.S.E., and 150 to 50 yards wide, with depths varying from about 3 feet on its southern end to 3 fathoms on its northern end, is reported to exist

to the eastward of Lumittis island. From near the southern end of the reef Namanuko Point bore S. 7° E., distant 4 miles, and the south point of Lumittis island N. 87° W.

Approximate position, lat. 9° 50½' N., long. 124° 36' E.

Depths of from 7 to 13 fathoms were obtained close to on the northern, western, and southern sides of the reef.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Sulu or Mindoro sea, No. 2578; also Eastern Archipelago, part I, 1890, page 265, and Revised Supplement, 1898, page 63.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 134.

[Second Publication.]

CHINA SEA—THE PHILIPPINES—LUZON, NORTH COAST.

Palambanes island—Reef to the southward.

THE British Admiralty has given notice (No. 237 of 1901) that a reef awash and about 500 yards in extent is reported to exist at a distance of about 4 miles S. 37° W. from the western extreme of Palambanes (Palumbanes) island in the approach to Maqueda channel.

Approximate position, lat. 14° 2' N., long. 123° 58' E.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; St. Bernardino and Mindoro straits, No. 2577; also Eastern Archipelago, part I, 1890, page 342.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 135.

[Second Publication.]

CHINA—GULF OF PECHILI.

Sha lui tien light—Intended alteration in character.

THE British Admiralty has given notice (No. 242 of 1901) that during April of the present year it is intended to replace the white fixed light exhibited at Sha lui tien Tsao-fei-tien) island by a *white group flashing* light of the 4th order, which will show *two flashes* in quick succession every twenty seconds.

Approximate position, lat. 38° 55½' N., long. 118° 31' E.

This Notice affects the following Admiralty Charts:—Hong Kong to Liau tung gulf, No. 1262; Pechili and Liau tung gulfs, No. 1256; Li-tsin ho to Ning hai, No. 598; also List of Lights, part VI, 1901, No. 789; and China Sea Directory, vol. III, 1894, page 622.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 136.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST.

Sabang bay—Intended alteration in Masam Point light.

THE British Admiralty has given notice (No. 244 of 1901) that the red fixed light on Masam Point, Sabang bay, Pulo Weh, will be replaced by a *white fixed* light of the 6th order, visible from a distance of 10 miles.

It will be shown from an iron framework support 47 feet high, painted white.

Approximate position, lat. $5^{\circ} 53\frac{1}{2}'$ N., long. $95^{\circ} 19\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—Acheh head to Diamond Point, No. 219; Plan of Sabang bay on sheet No. 2201; also List of Lights, part VI, 1901, No. 387; China Sea Directory, vol. I, 1896, page 48; Supplement, 1899, page 5; Bay of Bengal Pilot, 1892, page 202; and Hydrographic Notice No. 4, 1895, page 23.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 137.

[Second Publication.]

JAPAN—SIMONOSEKI STRAIT.

Shoal marked by light buoy.

THE British Admiralty has given notice (No. 245 of 1901) that the shoal with a depth of $3\frac{1}{2}$ fathoms in Simonoseki strait, situated with Manaita rock beacon, bearing N. 11° W., distant $5\frac{1}{2}$ cables, will shortly be marked by an iron conical light buoy, painted red, exhibiting a *white fixed* light.

Approximate position, lat. $33^{\circ} 54'$ N., long. $130^{\circ} 54'$ E.

The character of this light will eventually be altered to occulting, of which further notice will be given.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Seto Uchi, No. 2875; Hirado no seto to Simonoski strait, No. 127; Simonoski strait, No. 532; also China Sea Directory, vol. IV, 1894, page 433; and Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 138.

[Second Publication.]

JAPAN—INLAND SEA.

Shiaku Seto—Wreck in eastern approach.

THE British Admiralty has given notice (No. 253 of 1901) that the wreck of a large vessel lies sunk in the eastern approach to Shiaku Seto (St. Vincent Channel), situated at a distance of about $9\frac{1}{2}$ cables S. 72° E. from Nate sima light-house.

Approximate position, lat. $34^{\circ} 22\frac{1}{2}'$ N., long. $133^{\circ} 50\frac{1}{2}'$ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Seto Uchi, No. 2875; Bingo Nada, &c., No. 128; also China Sea Directory, vol. IV, 1894, page 283.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 132.

[Second Publication.]

CHINA—YANG TSE KIANG.

Pilots' cruising ground.

THE British Admiralty has given notice (No. 255 of 1901) that the licensed pilots of Shanghai no longer cruise off the Saddle islands or in the vicinity, but their boats are to be found at anchor or cruising off the Fairway bell buoy (red and black) in the southern approach to the Yang tse, except when a north-west gale is blowing or expected, when they will be found either inside the Tungsha light-vessel, or under the lee of cape Yang tse, or the Saddle islands.

Approximate position, Fairway buoy, lat. $31^{\circ} 34' N.$, long. $122^{\circ} 94' E.$

This Notice affects—China Sea Directory, vol. III, 1894, page 408.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 6th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 140.

[Second Publication.]

PACIFIC OCEAN—HAWAIIAN ISLANDS.

Laysan island—Light established.

THE British Admiralty has given notice (No. 256 of 1901) that a *white fixed light*, elevated about 52 feet above high water, and visible from a distance of about 5 miles, has been established by a private company on the north-eastern point of Laysan island. It is exhibited from a light-house 38 feet high during the shipping season from April to September annually.

Approximate position, lat. $25^{\circ} 48' N.$, long. $171^{\circ} 52' W.$

This Notice affects the following Admiralty Charts:—Pacific Ocean, No. 782; Laysan island, on sheet No. 1141; also List of Lights, part VII, 1901, page 78; and Pacific islands, vol. III, 1900, page 248.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 6th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 141.

[Second Publication.]

INDIA, EAST.—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

WITH reference to Notice to Mariners No. 320, dated 7th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice that the triple-flashing white light referred to will, on and after 1st July 1901, be exhibited from a masonry tower on a rock at Seven Pagodas or Mahabalipuram. Latitude $12^{\circ} 36' 50'' N.$ Longitude $80^{\circ} 11' 30'' E.$ The light will be 134.99 feet above the sea, and will be visible 18 miles in clear weather from every direction seaward.

(This cancels Notice to Mariners No. 104, dated 12th April 1901.)

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 7th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 120.

[Third Publication.]

AFRICA, NORTH-EAST COAST—RED SEA.

Loheiya to Farisan islands—Reefs reported.

THE British Admiralty has given notice (No. 223 of 1901) of the existence of the undermentioned reefs between Loheiya and Farisan islands:—

- (a) A reef extends from Kandamán Kebir for about $1\frac{1}{2}$ to 2 miles in a north-easterly direction.

Approximate position lat. $15^{\circ} 35' N.$, long. $42^{\circ} 33' E.$

As the reef marked P.D. on the Chart about 1 mile eastward of this was not seen under favourable circumstances, it has been erased from the Chart.

- (b) The two islets situated about $2\frac{1}{2}$ miles to the southward of the south-west point of Entufash island are reported to be joined by a shoal bank to the island, with no passage between.

Approximate position, lat. $15^{\circ} 38' N.$, long. $42^{\circ} 22' E.$

- (c) A reef extends in a northerly direction from the north point of Kotama island for a distance of about 2 miles.

Approximate position, lat. $15^{\circ} 43' N.$, long. $42^{\circ} 16' E.$

- (d) A reef extends in a southerly direction from the south point of Sana island for a distance of about $1\frac{1}{2}$ miles.

Approximate position, Sana island, lat. $16^{\circ} 7\frac{1}{2}' N.$, long. $42^{\circ} 15' E.$

- (e) A shoal with a depth of $2\frac{1}{2}$ fathoms over it is reported to exist in approximately lat. $16^{\circ} 23' 10'' N.$, long. $42^{\circ} 3' 30'' E.$; and another with a depth of 3 fathoms over it in approximately lat. $16^{\circ} 27\frac{1}{2}' N.$, long. $42^{\circ} 3\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Red sea, No. 8d: Also, Red sea, &c., Pilot, 1900, pages 308, 332, 333, 331, 328.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 121.

[Third Publication.]

CHINA SEA—COCHIN CHINA.

Banda shoal erased from chart.

THE British Admiralty has given notice (No. 224 of 1901) that information received from the Board of Trade shows that the Banda reef in the China Sea placed on the charts in lat. $8^{\circ} N.$, long. $107^{\circ} E.$, was inserted under a misapprehension, as that vessel struck, in September 1871, on the reef extending from Lumbukan island in Balābac strait in lat. $7^{\circ} 49' N.$, long. $117^{\circ} 12' E.$ Banda Reef has therefore been expunged from the Admiralty Charts.

This Notice affects the following Admiralty Chart:—China Sea, Nos. 1263, 2660a: Also, China Sea Directory, vol. II, 1899, page 108.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 122.

[Third Publication.]

PACIFIC OCEAN—LISIANSKY ISLAND.

Reefs to the southward.

THE British Admiralty has given notice (No. 226 of 1901) that the master of the British ship *Springbank* reports that on the 11th September 1900 his vessel struck at night on a reef lying about 11 or 12 miles south-eastward of Lisiansky island. This reef, which is of considerable extent, was partially examined by the master of the *Springbank*, as the ship was entangled by shoals for 14 days; in it is an opening to the eastward forming a bay, encumbered with shoals, 3 miles deep.

As reefs have been previously reported in a south-easterly direction from Lisiansky island, and soundings obtained of from 15 to 20 fathoms in from $25^{\circ} 43'$ to $26^{\circ} 3'$ north latitude, and $173^{\circ} 19'$ to $173^{\circ} 22'$ west longitude, it is probable that a large bank extends for about 30 miles from Lisiansky on which are coral reefs. Vessels consequently should approach Lisiansky from the southward and eastward with great caution.

Approximate position of shoal, lat. $25^{\circ} 50' N.$, long. $173^{\circ} 45' W.$

CAUTION.—The longitude of Lisiansky island has not yet been satisfactorily ascertained. It is said to be east of the position shown on the chart, viz., $173^{\circ} 57' W.$

This Notice affects the following Admiralty Chart:—Pacific ocean, No. 782: Also, Pacific islands, vol. III, 1900, page 249.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 123.

[Third Publication.]

EASTERN ARCHIPELAGO—MAKASSAR STRAIT, CELEBES.

South Watcher island—Non-existence of reefs to the southward.

THE British Admiralty has given notice (No. 231 of 1901) that the reefs situated $8. 13^{\circ} W.$ $2\frac{1}{2}$ miles and $8. 56^{\circ} W.$ $5\frac{1}{4}$ miles, respectively, from South Watcher island, having been carefully searched for without success are considered not to exist. These reefs have in consequence been erased from the Admiralty Charts.

Approximate position, South Watcher island, lat. $0^{\circ} 7' N.$, long. $119^{\circ} 38\frac{1}{2}' E.$

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; Strait of Makassar, No. 2636: Also, Eastern Archipelago, part II, 1893, page 335.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 124.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER, ROUTE.

Pipon island—Exhibition of new light.

WITH reference to Notice to Mariners No. 112, dated the 20th April, issued by this Office, the Port Master, Brisbane, has given further notice (No. 5 of 1901) that the new light was exhibited on the South Pipon Island on the 14th March, and the lightship at Channel Rock has been removed.

Chart affected, No. 2922; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th April 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 22, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 147.

[First Publication.]

CHINA—AMOI, INNER HARBOUR.

Pier lights.

THE British Admiralty has given notice (No. 260 of 1901) that a small pier has been built on the eastern side of Amoy Inner harbour for the use of steamers discharging oil.

It is situated about one cable to the southward of the outer end of Stonecutters jetty; and from the outer end of the pier Semaphore station bears S. 87° W., and Chiotah beacon N. 54° W. There is a dolphin on either side from each of which a red light is shown.

Approximate position, lat. 24° 27' N., long. 118° 4½' E.

This Notice affects the following Admiralty Chart:—Amoy Inner harbour, No. 1764: Also, List of Lights, part VI, 1901, page 120; and China Sea Directory, vol. III, page 179.

E. J. BEAUMONT, COMDR., R.N.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 148.

[First Publication.]

PACIFIC OCEAN—HAWAIIAN ISLANDS.

Honolulu harbour—Occasional lights on buoys.

THE British Admiralty has given notice (No. 263 of 1901) that the following lights will be exhibited on the buoys, when large steamers require to enter or leave Honolulu harbour:—

- (a) A white light on one or on each of the red conical buoys, Nos. 2, 3, 4, and 5, marking the starboard side of the channel.
- (b) One red light or two red lights close together on the outer buoy (white can), marking the port side of the channel, and a green light on the 6th or 7th pile.

The Pilots may sometimes place a red light on No. 5 red buoy, in which case no other light will be shown.

Approximate position, No. 5 buoy, lat. $21^{\circ} 17' N.$, long. $157^{\circ} 52' W.$

This Notice affects the following Admiralty Charts:—Plan of Honolulu harbour on chart No. 1510; Honolulu harbour, No. 1378; Also, Pacific islands, vol. III, 1900, page 230.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 149.

[First Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Pilot's hulk moved.

WITH reference to Notice to Mariners No. 276, dated the 26th October last, issued by this office, the British Admiralty has given further notice (No. 265 of 1901) that the Pilot's hulk has been moved, and is again near the Cockburn shoal buoy, in a position with the Pile lighthouse bearing S. $10^{\circ} W.$, distant 4 cables.

Approximate position, lat. $25^{\circ} 52' 55'' S.$, long. $32^{\circ} 53' 50'' E.$

CAUTION.—As this Pilot hulk appears to be liable to be shifted in position, it is evident it cannot be relied on as a navigational mark.

(Variation $23\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Delagoa bay, No. 644; Also, Africa Pilot, part III, 1897, pages 194, 195; Supplement, 1900, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 150.

[First Publication.]

AUSTRALIA, EAST COAST.

Pipon island—Light exhibited, channel rock light vessel withdrawn.

WITH reference to Notice to Mariners No. 259, dated 12th October last, issued by this office, the British Admiralty has given further notice (No. 266 of 1901) that on or about 7th March 1901, a dioptric fixed light of the 4th order would be exhibited from the southern island of the Pipon group.

Pipon island light is elevated 55 feet above high water, and visible in clear weather from a distance of 13 miles, and shows the following sectors:—White from the bearing of N. $72^{\circ} W.$, through north, to N. $53^{\circ} E.$; red from N. $53^{\circ} E.$ to N. $76^{\circ} E.$; white from N. $76^{\circ} E.$ to N. $88^{\circ} E.$

It is exhibited from a skeleton tower 60 feet high, and painted red, erected on the southern island in lat. $14^{\circ} 7' 20'' S.$, long. $144^{\circ} 30' 50'' E.$

On the exhibition of this light Channel rock light vessel was withdrawn.

(Variation $5\frac{1}{4}^{\circ}$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Coral sea, &c., No. 2764; Turtle group to Claremont point, No. 2922; Also, List of Lights, part VI, 1901, page 218, No. 1328; and Australia Directory, vol. II, 1898, page 365; Supplement, 1900, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 151.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Discoloured water off Nederburgh point.

THE British Admiralty has given notice (No. 277 of 1901) that the Master of S.S. *Bantam* reports having sighted discoloured water in a position 3 miles to the north-eastward of Nederburgh point.

Approximate position, lat. $2^{\circ} 53' 30''$ S., long. $122^{\circ} 21' 00''$ E.

This Notice affects the following Admiralty Chart:—Eastern Archipelago, eastern portion, No. 942a: Also, Eastern Archipelago, part II, 1893, page 360.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 152.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Black cask buoy removed temporarily.

THE Port Officer, Chittagong, has given notice that the small black cask buoy marking the sand spit west of No. 3 Track opposite the mark, mast with black and white casks, has been removed and will not be again replaced until after the south-west monsoon.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 153.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Vakalapudi light.

THE Presidency Port Officer, Madras, has given notice (No. 15 of 1901) that during the alterations to the Vakalapudi Light, it will be extinguished from and after the 15th November 1901 for a period of one month, and will be re-exhibited on the 15th December 1901. During the interval a temporary fixed white light will be exhibited from the existing tower.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 154.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Armeghon—A temporary fixed white light.

WITH reference to Notice to Mariners No. 339, dated 26th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 16 of 1901) that the light at Armeghon will be extinguished from and after the 1st February 1902

for a period of one month, and will be re-exhibited on the 1st March 1902. During the interval a temporary fixed white light will be exhibited from roof of light-keepers' quarters, visible in all directions seaward 12 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 155.

[First Publication.]

INDIA, SOUTH-EAST—CEYLON, NORTH COAST.

Pamban—Date of exhibition of temporary light.

With reference to Notice to Mariners No. 337, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 17 of 1901) that the light at Pamban will be extinguished from and after 1st July 1901 for a period of three months, and will be re-exhibited on 1st October 1901. During the interval a temporary light will be exhibited from the existing tower, visible in all directions seaward eight miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 156.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Sacramento light.

THE Presidency Port Officer, Madras, has given notice (No. 18 of 1901) that the temporary dioptric port light of the fourth order, now exhibited from the mainland opposite the Sacramento Shoal, will be extinguished on the 15th April 1902, and a dioptric white flashing light, giving one flash every five seconds, will be exhibited on the same date from a concrete tower. The light will be 140 feet above the sea, and will be visible in clear weather from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 157.

[First Publication.]

INDIA, WEST—MALABAR COAST.

Travancore—Exhibition of a new light at Tangacherri.

THE Presidency Port Officer, Madras, has given notice (No. 19 of 1901) that a dioptric group flashing white light, giving two flashes every 10 seconds, will be exhibited at Tangacherri Point on 1st April 1902 from a cement grey tower 140 feet above the sea, and visible in clear weather from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 158.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Pulicat—Date of exhibition of temporary fixed white light.

WITH reference to Notice to Mariners No. 338, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 20 of 1901) that the light at Pulicat will be extinguished from and after 1st November 1901 for a period of one month, and will be re-exhibited on the 1st December 1901. During the interval a temporary fixed white light will be exhibited from the roof of lightkeepers' quarters, visible in all directions seaward ten miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 159.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Masulipatam—Exhibition of a fixed white light.

WITH reference to Notice to Mariners No. 125⁽³⁾, dated 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 22 of 1901) that a fixed white light will be exhibited on the 1st July 1901 (until the arrival of the occulting apparatus) from a white masonry tower on the coast immediately to the northward of the entrance to the Masulipatam river—Lat. 16° 9' N., Long. 81° 10' E. The light will be 33 feet above the sea and will be visible in clear weather from a distance of eleven miles in all directions seaward.

2. On the date of exhibition of this light, the fixed white light, now displayed from the flagstaff at Masulipatam, will be discontinued.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 160.

[First Publication.]

AUSTRALIA—GULF OF CARPENTARIA.

Proudfoot shoal lightship.

THE President, Marine Board, Port Adelaide, informs Masters of vessels and others (No. 10 of 1901) that the Harbour Master, Thursday Island, reports that the Proudfoot Shoal Lightship is away from its advertised position.

This affects Admiralty Chart No. 1043.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 20th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 161.

[First Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

Neptune islands—Date of exhibition of light.

WITH reference to Notice to Mariners No. 26, dated 11th February 1901, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 11 of 1901) that the proposed light on the South Neptune Island will in all probability, as previously advised, be exhibited about October 1901. The structure will be made of braced

wrought iron, painted red, and situated on the highest point of the most Southern Island, in lat. $35^{\circ} 20' 10''$ S., long. $136^{\circ} 6' 45''$ (approx.). The light is to be of the second order, revolving once in fifty (50) seconds, and showing all round the horizon a group of three (3) white flashes at intervals of ten (10) seconds and an eclipse of thirty (30) seconds. Its focal plane will be one hundred and seventy-nine (179) feet above high-water mark, and it will be visible from a vessel's deck for a distance of about twenty (20) miles in clear weather. The cottages and stores, which will be built on the north side of the island, are to be composed of granite with roofs of red tiles, and will not be visible from the southern side.

This affects Admiralty Chart No. 2389.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 162.

[First Publication.]

AUSTRALIA, SOUTH—GULF OF ST. VINCENT.

Port Willunga—Bed Perch buoy replaced.

THE President, Marine Board, Port Adelaide, has given notice (No. 12 of 1901), informing masters of vessels and others that the Bed Perch Buoy off Port Willunga has been replaced.

This affects Admiralty Chart No. 2389 A.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 142.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Intended alteration in the position of Elephant lights.

THE Bombay Government has given notice (No. 26 of 1901) that information has been received from the Port Officer, Rangoon, that it is intended to remove on 22nd March 1901 the lights at Elephant Point 150 feet to the southward on the same line of bearings.

This Notice affects the following Admiralty publications:—Chart, Rangoon River and approaches, No. 833; Bay of Bengal Pilot, Second Edition, 1892, page 325, and List of Lights, Part VI, 1900, No. 367.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 143.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

Quilon Roads—Red buoy out of position.

THE Master Attendant, Alleppey, has given notice that the Red Buoy which marks the entrance to the Quilon Roads at the Northern end is reported to have drifted out of position. It will be taken in as soon as possible, and will probably not be replaced this season.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 144.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Spit light vessel removed for repairs.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that Spit light vessel showing twelve-mile light will be removed on the 16th May for repairs. She will be replaced temporarily by another vessel exhibiting a white light visible all round the horizon at a distance of five miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 145.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 7th May and reduced to zero:—

					FT. IN.
<i>Track No. I—Outer bar—</i>					
Disc on mast with black and white casks ...	...	...	...	...	7 9
Disc in centre between diamond and mast with white and black casks ...	...	...	...	...	10 3
Disc on diamond ...	...	...	...	...	10 6
<i>Track No. II—Inner bar—</i>					
Disc on mast with black and white casks ...	...	...	...	...	9 3
Disc in centre between diamond and mast with black and white casks ...	...	...	...	...	11 0
Disc on diamond ...	...	...	...	...	11 0
<i>Track No. III—</i>					
Tripod on cross and ball ...	...	...	...	...	21 0
<i>Track No. IV—</i>					
Triangle on mast with black and white casks ...	...	...	...	...	22 0
<i>Track No. V—Guptakhalli crossing—</i>					
Old marks ...	...	...	...	...	8 0
Centre ...	...	...	...	...	17 6
Tripod on diamond ...	...	...	...	...	20 0

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 146.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA SEA.

Position of a wreck.

THE Master of the S.S. *Fazilka* reports that on the 21st April at 2-30 P.M., when passing through Carmiata Straits, and in Lat. 2° 35' 00" S., Long. 109° 08' 00" E., he passed

the mast of a vessel standing upright about 15 feet above the water, with other wreckage one mile to the eastward, evidently parts of a wrecked vessel.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 125.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

China Bakir light re-exhibited.

WITH reference to Notice to Mariners No. 88, dated 2nd April 1901, issued by this office, the Port Officer, Rangoon, has given further notice that China Bakir former light was re-exhibited on the night of the 1st May.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 126.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

The New Elfin Channel.

THE Port Officer, Chandbali, has given notice that the New Elfin Channel has slightly shifted to southward. Transit marks have been shifted 2,500 feet S.S.W. of former position. Transit on from seaward W. by N. magnetic. The marks are two posts surmounted with globe, front mark black and back mark white. The centre Elfin buoy has been painted red, and is now a starboard hand-buoy. There is 3 feet reduced at buoy. The inner Elfin black buoy has been shifted 100 feet east of former position in 3 feet reduced. Masters of vessels should get transit marks on a little to northward of Fairway buoy and come in marks on W. by N. until the centre and inner Elfin buoys are in line; then proceed in line of buoys. There is now 2 feet reduced on the bar. Masters should be cautious in crossing the bar, as the channel is still liable to shift further to the southward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 127.

[Third Publication.]

AUSTRALIA—CLEVELAND BAY.

Sunken wreck off the Cape.

THE Port Master, Brisbane, has given notice (No. 6 of 1901) that the wreck of the small steamer *Maggie Weston* lies sunk in Cleveland Bay, bearing West half North, $1\frac{1}{2}$ miles from Cape Cleveland.

The position of the wreck is marked by a green buoy, and as it lies in the Fairway Masters of vessels are cautioned to exercise every care when navigating that locality.

Charts affected, Nos. 348 and 1102, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 128.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot Shoal Lightship away from position.

THE Port Master, Brisbane, has given notice (No. 7 of 1901) that the Proudfoot Shoal Lightship is away from her position. She will be replaced as soon as practicable. She was last reported ten miles south-west from Booby Island.

Chart affected, No. 2354, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 129.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot Shoal—A temporary light-vessel.

THE Port Master, Brisbane, has given notice (No. 8 of 1901) that within the next few days and until the Light-ship is remoored, the schooner *Governor Cairns* will be moored in the approximate position lately occupied by the Proudfoot Shoal Light-ship. During the night a fixed white light will be exhibited.

Chart affected, No. 2354; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 130.

[Third Publication.]

AUSTRALIA, SOUTH-WEST COAST—FOWLER BAY.

A Warping Buoy placed.

THE President, Marine Board, Port Adelaide, has given notice (No. 9 of 1901) that Ship-masters and others are hereby informed that a Warping Buoy, painted black, has been placed in a position about 100 fathoms to seaward of, and in a direct line with, the Fowler Bay Jetty. As the anchor has only about 7 ft. 6 in. of water over it at L. W. S., a small Cask Buoy has been placed to mark its exact position, which vessels should be careful to avoid. The mooring in question is for warping only, and must not on any account be used for any other purpose.

This affects Admiralty Chart No. 1061.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 131.

[Third Publication.]

INDIA, SOUTH—CEYLON COAST.

Colombo harbour Pilot signals—Amended.

WITH reference to Notice to Mariners No. 33, dated 6th February 1900, issued by this office, the British Admiralty has given further notice (No. 234 of 1901) that the signification of one of the signals made from the Pilot-station tower in answer to vessels' signals for a

pilot at night time, viz., a white flashing light for a period of about two minutes, indicates that a vessel should anchor well out or keep under way until daylight, and not that bad weather prevents pilot from coming out, as stated in the above notice.

Approximate position, lat. $6^{\circ} 56' N.$, long. $79^{\circ} 50' E.$

This Notice affects the following Admiralty Charts:—Ceylon, No. 813; Colombo harbour No. 914; also Bay of Bengal, 1892, page 46, and West Coast of Hindustan, 1898, page 95.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 132.

[Third Publication.]

AFRICA, EAST COAST—PORT MOMBASA ENTRANCE.

Buoys established.

THE British Admiralty has given notice (No. 235 of 1901) that information, dated 20th February 1901, has been received from the Port Officer, Mombasa, that the under-mentioned buoys have been established at the entrance to that port in the undermentioned positions:—

- (1) A conical buoy, painted red, surmounted by staff and globe, moored with the front leading pillar (in line with rear pillar) into port Kilindini, bearing S. 66° W. distant 12 cables, and Mvita fort flagstaff, N. 27° W.

Approximate position, lat. $4^{\circ} 4\frac{1}{2}' S.$, long. $39^{\circ} 41\frac{1}{2}' E.$

- (2) A can buoy, painted black, surmounted by staff and cage, moored with the front leading pillar into port Kilindini, bearing S. 72° W., distant $8\frac{1}{2}$ cables, and Mvita fort flagstaff bearing N. 3° W.
- (3) A conical buoy, painted red, surmounted by staff and globe, moored with the front leading pillar into port Kilindini, bearing S. 56° W., distant $3\frac{1}{2}$ cables, and the eastern extreme of Ras Muaka Singe, S. 2° E.

(Variation 8° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Port Mombasa, No. 666; also Africa Pilot, part III, 1897, page 491; and Supplement, 1900, page 31.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 133.

[Third Publication.]

CHINA SEA—THE PHILIPPINES—BOHUL ISLAND.

Lumittis island—Reef to the eastward.

THE British Admiralty has given notice (No. 236 of 1901) that a reef about three quarters of a mile long, N.N.W. and S.S.E., and 150 to 50 yards wide, with depths varying from about 3 feet on its southern end to 3 fathoms on its northern end, is reported to exist

to the eastward of Lumittis island. From near the southern end of the reef Namanuko Point bore S. 7° E., distant 4 miles, and the south point of Lumittis island N. 87° W.

Approximate position, lat. 9° 50½' N., long. 124° 36' E.

Depths of from 7 to 13 fathoms were obtained close to on the northern, western, and southern sides of the reef.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Sulu or Mindoro sea, No. 2578; also Eastern Archipelago, part I, 1890, page 265, and Revised Supplement, 1898, page 63.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 134.

[Third Publication.]

CHINA SEA—THE PHILIPPINES—LUZON, NORTH COAST.

Palambanes island—Reef to the southward.

THE British Admiralty has given notice (No. 237 of 1901) that a reef awash and about 500 yards in extent is reported to exist at a distance of about 4 miles S. 37° W. from the western extreme of Palambanes (Palumbanes) island in the approach to Maqueda channel.

Approximate position, lat. 14° 2' N., long. 123° 58' E.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Charts:—Molucca passage to Manila, No. 943; St. Bernardino and Mindoro straits, No. 2577; also Eastern Archipelago, part I, 1890, page 342.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 135.

[Third Publication.]

CHINA—GULF OF PECHILI.

Sha lui tien light—Intended alteration in character.

THE British Admiralty has given notice (No. 242 of 1901) that during April of the present year it is intended to replace the white fixed light exhibited at Sha lui tien Tsao-fei-tien) island by a *white group flashing* light of the 4th order, which will show *two flashes* in quick succession *every twenty seconds*.

Approximate position, lat. 38° 55½' N., long. 118° 31' E.

This Notice affects the following Admiralty Charts:—Hong Kong to Liau tung gulf, No. 1262; Pechili and Liau tung gulfs, No. 1256; Li-tsin ho to Ning hai, No. 598; also List of Lights, part VI, 1901, No. 789; and China Sea Directory, vol. III, 1894, page 622.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 136.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST.

Sabang bay—Intended alteration in Masam Point light.

THE British Admiralty has given notice (No. 244 of 1901) that the red fixed light on Masam Point, Sabang bay, Pulo Weh, will be replaced by a *white fixed* light of the 6th order, visible from a distance of 10 miles.

It will be shown from an iron framework support 47 feet high, painted white.

Approximate position, lat. $5^{\circ} 53\frac{1}{2}'$ N., long. $95^{\circ} 19\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—Ache's head to Diamond Point, No. 219; Plan of Sabang bay on sheet No. 2201; also List of Lights, part VI, 1901, No. 387; China Sea Directory, vol. I, 1896, page 48; Supplement, 1899, page 5; Bay of Bengal Pilot, 1892, page 202; and Hydrographic Notice No. 4, 1895, page 23.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 137.

[Third Publication.]

JAPAN—SIMONOSEKI STRAIT.

Shoal marked by light buoy.

THE British Admiralty has given notice (No. 245 of 1901) that the shoal with a depth of $3\frac{1}{2}$ fathoms in Simonoseki strait, situated with Manaita rock beacon, bearing N. 11° W., distant $5\frac{1}{2}$ cables, will shortly be marked by an iron conical light buoy, painted red, exhibiting a *white fixed* light.

Approximate position, lat. $33^{\circ} 54'$ N., long. $130^{\circ} 54'$ E.

The character of this light will eventually be altered to occulting, of which farther notice will be given.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Seto Uchi, No. 2875; Hirado no seto to Simonoseki strait, No. 127; Simonoski strait, No. 532; also China Sea Directory, vol. IV, 1894, page 433; and Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 138.

[Third Publication.]

JAPAN—INLAND SEA.

Shiaku Seto—Wreck in eastern approach.

THE British Admiralty has given notice (No. 253 of 1901) that the wreck of a large vessel lies sunk in the eastern approach to Shiaku Seto (St. Vincent Channel), situated at a distance of about $9\frac{1}{2}$ cables S. 72° E. from Nate sima light-house.

Approximate position, lat. $34^{\circ} 22\frac{1}{2}'$ N., long. $133^{\circ} 50\frac{1}{2}'$ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Seto Uchi, No. 2875; Bingo Nada, &c., No. 128; also China Sea Directory, vol. IV, 1894, page 283.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 139.

[Third Publication.]

CHINA—YANG TSE KIANG.

Pilots' cruising ground.

THE British Admiralty has given notice (No. 255 of 1901) that the licensed pilots of Shanghai no longer cruise off the Saddle islands or in the vicinity, but their boats are to be found at anchor or cruising off the Fairway bell buoy (red and black) in the southern approach to the Yang tse, except when a north-west gale is blowing or expected, when they will be found either inside the Tungsha light-vessel, or under the lee of cape Yang tse, or the Saddle islands.

Approximate position, Fairway buoy, lat. $31^{\circ} 34' N.$, long. $122^{\circ} 94' E.$

This Notice affects—China Sea Directory, vol. III, 1894, page 408.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 6th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 140.

[Third Publication.]

PACIFIC OCEAN—HAWAIIAN ISLANDS.

Laysan island—Light established.

THE British Admiralty has given notice (No. 256 of 1901) that a white fixed light, elevated about 52 feet above high water, and visible from a distance of about 5 miles, has been established by a private company on the north-eastern point of Laysan island. It is exhibited from a light-house 38 feet high during the shipping season from April to September annually.

Approximate position, lat. $25^{\circ} 48' N.$, long. $171^{\circ} 52' W.$

This Notice affects the following Admiralty Charts:—Pacific Ocean, No. 782; Laysan island, on sheet No. 1141; also List of Lights, part VII, 1901, page 78; and Pacific islands, vol. III, 1900, page 248.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 6th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 141.

[Third Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

WITH reference to Notice to Mariners No. 320, dated 7th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice that the triple-flashing white light referred to will, on and after 1st July 1901, be exhibited from a masonry tower on a rock at Seven Pagodas or Mahabalipuram. Latitude $12^{\circ} 36' 50'' N.$ Longitude $80^{\circ} 11' 30'' E.$ The light will be 134.99 feet above the sea, and will be visible 18 miles in clear weather from every direction seaward.

(This cancels Notice to Mariners No. 104, dated 12th April 1901.)

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 7th May 1901.

Asst. Secy., Marine Department



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MAY 29, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 163.

[First Publication.]

PACIFIC OCEAN—PHILIPPINES—SAMAR ISLAND.

(1) *Kalbayok*—*Light established.*

THE British Admiralty has given notice (No. 287 of 1901) that a *red* light is now exhibited from a tripod situated at the northern end of the town of Kalbayok.

Approximate position, lat. $12^{\circ} 4' N.$, long. $124^{\circ} 36' E.$

(2) *Katbalogan*—*Light established.*

Also, that a *red* light is exhibited from the Army Head-quarters building at Katbalogan.

Approximate position, lat. $11^{\circ} 46\frac{1}{2}' N.$, long. $124^{\circ} 52\frac{1}{4}' E.$

(3) *Lutao and Pamuntangan Reefs*—*Beacons erected.*

Also, that the following beacons have been erected:—

- (a) A large beacon on the north end of Lutao reef, in a position bearing S. $50^{\circ} W.$, distant $1\frac{1}{2}$ miles from Anas point.

Approximate position, lat. $11^{\circ} 46\frac{1}{2}' N.$, long. $124^{\circ} 50' E.$

- (b) A large beacon on Pamuntangan reef, in a position bearing S. $17^{\circ} E.$, distant 8 cables from Jesus point.

Approximate position, lat. $11^{\circ} 46' N.$, long. $124^{\circ} 52' E.$

(Variation $0^{\circ} 45'$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Philippine islands*, No. 2577; *San Pedro bay to Libukan islands*, No. 2987; *Katbalogan, Buri, and Darajuai anchorages* on sheet No. 1622; Also, *List of Lights*, part VI, 1901, page 100; and *Eastern Archipelago*, part I, 1890, pages 328, 330.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 164.

[First Publication.]

JAPAN—INLAND SEA.

Kami kama gari shima—Shoals in the vicinity.

THE British Admiralty has given notice (No. 296 of 1901) that, during a recent survey in the vicinity of Kami kama gari shima, the under-mentioned dangers were discovered:—

- a. A shoal, with a depth of $3\frac{1}{2}$ fathoms, stones, is situated to the north-eastward of the islet off the S.E. extreme of Kami kama gari shima, with the east extreme of the islet bearing S $51^{\circ} 30'$ W., distant three-fifths of a cable, and the S.W. extreme of Okubi shima bearing S. $24^{\circ} 20'$ E.

Approximate position, lat. $34^{\circ} 9' 25''$ N., long. $132^{\circ} 44' 55''$ E.

- b. A rock that dries 13 feet is situated on the bank on the western side of Okubi shima, with the eastern extreme of the above-mentioned islet bearing N. $34^{\circ} 50'$ W., distant 4 cables, and the N.W. extreme of Okubi shima bearing N. $51^{\circ} 45'$ E.

Approximate position, lat. $34^{\circ} 9' 5''$ N., long. $132^{\circ} 45' 10''$ E.

- c. A shoal, with a depth of $3\frac{1}{2}$ fathoms, mud, is situated to the southward of Shimo kama gari shima, with Ono no hana bearing N. $57^{\circ} 15'$ W., distant 7 cables, and the N.W. extreme of Koguro jima bearing S. $30^{\circ} 30'$ W.

Approximate position, lat. $34^{\circ} 9' 55''$ N., long. $132^{\circ} 39' 15''$ E.

(Variation $4\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Yanagi no Seto to Neko Seto, No. 1206: Also, China Sea Directory, vol. IV, 1894, pages 407, 408.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 25th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 165.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA—NORTH COAST.

CAUTION.—Bantam bay—Shoal off Pontang point.

THE British Admiralty has given notice (No. 299 of 1901) that the Master of the S.S. *Queen Olga* reports having obtained a sounding of $3\frac{1}{2}$ fathoms, very soft mud, off Pontang point, in a position with Pamujan besar island bearing S. 74° W., distant 5 miles, and the west extreme of Babi island bearing N. 24° W.

Approximate position, lat. $5^{\circ} 55'$ S., long. $106^{\circ} 18'$ E.

CAUTION.—From the above report it appears that the bank to the eastward of Pontang point has extended since it was surveyed in 1886; mariners are therefore recommended when rounding it to give it a good berth.

(Variation $0^{\circ} 30'$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, western portion, No. 1653; Sunda strait and approaches, No. 2056: Also, Sailing Directions for the Eastern Archipelago, part II, 1893, page 80.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 25th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 166.

[First Publication.]

JAPAN—NIPON, SOUTH COAST.

(1) *Tanabé bay (Kii channel)—Rocks.*

THE British Admiralty has given notice (No. 301 of 1901) of the existence of the undermentioned rocks in Tanabé bay, Kii channel, south coast of Nipon:—

- (a) A rock, named Takashimanone, with a depth over it of about 5 feet, is situated with the south extreme of Taka shima bearing N. 34° E., distant $2\frac{3}{8}$ cables, and the point southward of Seto village, S. 73° E. Shoal water extends from Taka shima to this rock.

Approximate position, lat. $33^{\circ} 40' 55''$ N., long. $135^{\circ} 20' 55''$ E.

- (b) A rock, named Takashimaose, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with Tō shima (Square island) bearing S. 34° E., distant $1\frac{3}{8}$ miles, and islet (40 feet high) off Maru yama point N. 70° E.
- (c) A rock, named Kamiyagata, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 28° E., distant nearly $1\frac{2}{8}$ miles, and the islet off Maru yama point N. 67° E.
- (d) A rock, named Nakashima, with a depth over it of $2\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 6° E., distant 8 cables, and the islet off Maru yama point N. 51° E.
- (e) A rock named Nakanoshima, with a depth over it of $1\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 67° W., distant about $12\frac{1}{2}$ cables, and the islet off Maru yama point N. 6° W.

Sunken rocks with depths over them of less than 5 fathoms extend for a distance of $1\frac{1}{2}$ cables to the northward and southward of this rock.

- (f) A rock, named Tanakayose, awash at low water, is situated with the north extreme of Kang rha sima bearing N. 89° W., distant about $6\frac{3}{8}$ cables, and Hata shima (near Sikura village) N. 20° W.

Shoal water extends for $4\frac{1}{2}$ cables to the eastward of this rock.

- (g) A rock, named Hiratoko, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with the islet off Maru yama point bearing S. 79° E., distant $8\frac{3}{8}$ cables, and the south extreme of Moto shima (Ebi shima) N. 67° E.
- (h) A rock, named Shizumi, with a depth of $2\frac{1}{2}$ fathoms over it, is situated with the north extreme of Moto shima (Ebi shima) bearing S. 67° E., distant about 5 cables.

Approximate position, lat. $33^{\circ} 44' 10''$ N., long. $135^{\circ} 21' 15''$ E.

- (i) A rock, named Takafude, with a depth of $4\frac{1}{2}$ fathoms over it, situated with the north extreme of Moto shima (Ebi shima) bearing S. 82° E., distant about 2 miles.

Approximate position, lat. $33^{\circ} 44' 10''$ N., long. $135^{\circ} 19' 30''$ E.

- (j) A rock, named Nadanohae, with a depth of $4\frac{1}{2}$ fathoms over it, is situated with the north extreme of Moto shima (Ebi shima) bearing S. 70° E., distant about 2 miles.

Approximate position, lat. $33^{\circ} 44' 20''$ N., long. $135^{\circ} 19' 35''$ E.

- (k) A rock, named Chongarise, with a depth of $3\frac{1}{2}$ fathoms over it, is situated with Shika jima (Ichi no shima) bearing S. 34° E., distant about $2\frac{1}{2}$ miles.

Approximate position, lat. $33^{\circ} 45' 15''$ N., long. $135^{\circ} 19' 40''$ E.

- (l) A rock, named Nakanoshima, with a depth of $3\frac{1}{2}$ fathoms over it, is situated with Shika jima (Ichi no shima) bearing S. 34° E., distant about $2\frac{1}{8}$ miles.

Approximate position, lat. $33^{\circ} 45' 20''$ N., long. $135^{\circ} 19' 35''$ E.

NOTE.—New editions of charts Nos. 357 and 951 will be issued.

(2) *Fuku ura—Rocks—Beacon.*

Also, that the under-mentioned rocks exist in Fuku ura on the south coast of Nipon:—

- (a) A rock, named Nakakuromi, with a depth over it of $1\frac{1}{2}$ fathoms, is situated with To saki bearing N. 22° W., distant about $3\frac{1}{2}$ cables, and Sumi saki S. 45° W.

Approximate position, lat. $33^{\circ} 28' 5''$ N., long. $135^{\circ} 46' 40''$ E.

- (b) A rock, named Kajikake, which dries 3 feet, is situated with To saki bearing N. 22° E., distant about 3 cables, and the summit of Inamura jima N. 63° W.

Shoal water of less than 3 fathoms extends for a distance half a cable to the southward of the rock.

A small triangular beacon has been erected on this rock, but its existence cannot be relied on.

(Variation $4\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kii channel to Ocasí bay, No. 951; bay of Tanabé on sheet No. 357; Oō sima harbour on sheet No. 356: Also, China Sea Directory, vol. IV, pages, 257, 258, 259 and 261.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 167.

[First Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot shoal lightship.

THE Port Master, Brisbane, has given notice (No. 10 of 1901) that the Proudfoot Shoal Lightship has been removed in a position approximately two miles south-west from the Proudfoot Shoal.

Chart affected—No. 2554, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 168.

[First Publication.]

AUSTRALIA, SOUTH—GULF OF ST. VINCENT—APPROACH TO PORT ADELAIDE.

Wonga shoal—Date of exhibition of the light.

WITH reference to Notices to Mariners, issued by this office, No. 144, dated 15th June 1900, No. 304, dated 27th November 1900, and No. 56, dated 4th March 1901, the President, Marine Board, Port Adelaide, has given further notice (No. 13 of 1901), informing masters of vessels and others that the light on Wonga Shoal, Port Adelaide, will be exhibited on the night of the 1st July 1901.

The light will be of the first order, white, bright flash every thirty seconds, visible around the horizon for a distance of seventeen miles.

The whole structure, including tower and keepers' quarters, will be on screw piles, and will be constructed of iron.

The lantern, tower, and superstructure will be painted red and the keepers' quarters white.

Approximate position, latitude, $34^{\circ} 50' 25''$ S.; longitude $138^{\circ} 26' 58''$ E

As notified in Notice to Mariners, No. 8 of 1900, a temporary light of the third order, revolving every thirty seconds, visible about fifteen miles, will be exhibited from a temporary tower on the old Port Adelaide lighthouse, on and after Monday, April 29th, during the removal of the lighting apparatus, and from July 1st, 1901, until the old lighthouse is dismantled and the removal of the structure completed, a riding light will be exhibited therefrom.

From July 1st, 1901, a white occulting light, visible for a distance of five miles, will be shown from a buoy placed in the position now occupied by the red buoy, to mark the entrance to the river.

This affects Admiralty plans Nos. 1750 and 1752.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 169.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 110, dated 20th April 1901, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 14 of 1901) informing mariners that, pending execution of repairs and until further notice, an ordinary riding light will be exhibited in lieu of the light previously used.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 170.

[First Publication.]

INDIA, WEST—MALABAR COAST.

Cochin—Date of exhibition of temporary light.

WITH reference to Notice to Mariners No. 336, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 21 of 1901) that the light at Cochin will be extinguished from and after 1st September 1901 for a period of four months, and will be re-exhibited on 1st January 1902. During the interval a temporary white fixed light will be exhibited from a mast forty feet above high-water and visible eight miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 147.

[Second Publication.]

CHINA—AMOY, INNER HARBOUR.

Pier lights.

THE British Admiralty has given notice (No. 260 of 1901) that a small pier has been built on the eastern side of Amoy Inner harbour for the use of steamers discharging oil.

It is situated about one cable to the southward of the outer end of Stonecutters jetty; and from the outer end of the pier Semaphore station bears S. 87° W., and Chiotah beacon N. 54° W. There is a dolphin on either side from each of which a red light is shown.

Approximate position, lat. 24° 27' N., long. 118° 4½' E.

This Notice affects the following Admiralty Chart:—Amoy Inner harbour, No. 1764. Also, List of Lights, part VI, 1901, page 120; and China Sea Directory, vol. III, page 179.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 148.

[Second Publication.]

PACIFIC OCEAN—HAWAIIAN ISLANDS.

Honolulu harbour—Occasional lights on buoys.

THE British Admiralty has given notice (No. 263 of 1901) that the following lights will be exhibited on the buoys, when large steamers require to enter or leave Honolulu harbour:—

- (a) A white light on one or on each of the red conical buoys, Nos. 2, 3, 4, and 5, marking the starboard side of the channel.

(b) One red light or two red lights close together on the outer buoy (white can), marking the port side of the channel, and a green light on the 6th or 7th pile.

The Pilots may sometimes place a red light on No. 5 red buoy, in which case no other light will be shown.

Approximate position, No. 5 buoy, lat. $21^{\circ} 17' N.$, long. $157^{\circ} 52' W.$

This Notice affects the following Admiralty Charts:—*Plan of Honolulu harbour on chart No. 1510; Honolulu harbour, No. 1378; Also, Pacific islands, vol. III, 1900, page 230.*

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 149.

[Second Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Pilot's hulk moved.

WITH reference to Notice to Mariners No. 276, dated the 26th October last, issued by this office, the British Admiralty has given further notice (No. 265 of 1901) that the Pilot's hulk has been moved, and is again near the Cockburn shoal buoy, in a position with the Pile lighthouse bearing S. $10^{\circ} W.$, distant 4 cables.

Approximate position, lat. $25^{\circ} 52' 55'' S.$, long. $32^{\circ} 53' 50'' E.$

CAUTION.—As this Pilot hulk appears to be liable to be shifted in position, it is evident it cannot be relied on as a navigational mark.

(Variation $23\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Chart:—*Delagoa bay, No. 644; Also, Africa Pilot, part III, 1897, pages 194, 195; Supplement, 1900, page 15.*

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 150.

[Second Publication.]

AUSTRALIA, EAST COAST.

Pipon island—Light exhibited, channel rock light vessel withdrawn.

WITH reference to Notice to Mariners No. 259, dated 12th October last, issued by this office, the British Admiralty has given further notice (No. 266 of 1901) that on or about 7th March 1901, a dioptric fixed light of the 4th order would be exhibited from the southern island of the Pipon group.

Pipon island light is elevated 55 feet above high water, and visible in clear weather from a distance of 13 miles, and shows the following sectors:—*White* from the bearing of N. $72^{\circ} W.$, through north, to N. $53^{\circ} E.$; *red* from N. $53^{\circ} E.$ to N. $76^{\circ} E.$; *white* from N. $76^{\circ} E.$ to N. $88^{\circ} E.$

It is exhibited from a skeleton tower 60 feet high, and painted red, erected on the southern island in lat. $14^{\circ} 7' 20'' S.$, long. $144^{\circ} 30' 50'' E.$

On the exhibition of this light Channel rock light vessel was withdrawn.

(Variation $5\frac{1}{2}^{\circ}$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Coral sea, &c., No. 2764; Turtle group to Claremont point, No. 2922; Also, List of Lights, part VI, 1901, page 218, No. 1328; and Australia Directory, vol. II, 1898, page 365; Supplement, 1900, page 14.*

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 151.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Discoloured water off Nederburgh point.

THE British Admiralty has given notice (No. 277 of 1901) that the Master of S.S. *Bantam* reports having sighted discoloured water in a position 3 miles to the north-eastward of Nederburgh point.

Approximate position, lat. $2^{\circ} 53' 30''$ S., long. $122^{\circ} 21' 00''$ E.

This Notice affects the following Admiralty Chart:—Eastern Archipelago, eastern portion, No. 942a: Also, Eastern Archipelago, part II, 1893, page 360.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 152

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Black cask buoy removed temporarily.

THE Port Officer, Chittagong, has given notice that the small black cask buoy marking the sand spit west of No. 3 Track opposite the mark, mast with black and white casks, has been removed and will not be again replaced until after the south-west monsoon.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 153.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Vakalapudi light.

THE Presidency Port Officer, Madras, has given notice (No. 15 of 1901) that during the alterations to the Vakalapudi Light, it will be extinguished from and after the 15th November 1901 for a period of one month, and will be re-exhibited on the 15th December 1901. During the interval a temporary fixed white light will be exhibited from the existing tower.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 154.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Armeghon—A temporary fixed white light.

WITH reference to Notice to Mariners No. 339, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 16 of 1901) that the light at Armeghon will be extinguished from and after the 1st February 1902 for a period of one month, and will be re-exhibited on the 1st March 1902. During the interval a temporary fixed white light will be exhibited from roof of light-keepers' quarters, visible in all directions seaward 12 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 155.

[Second Publication.]

INDIA, SOUTH-EAST—CEYLON, NORTH COAST.

Pamban—Date of exhibition of temporary light.

WITH reference to Notice to Mariners No. 337, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 17 of 1901) that the light at Pamban will be extinguished from and after 1st July 1901 for a period of three months, and will be re-exhibited on 1st October 1901. During the interval a temporary light will be exhibited from the existing tower, visible in all directions seaward eight miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 156.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Sacramento light.

THE Presidency Port Officer, Madras, has given notice (No. 18 of 1901) that the temporary dioptric port light of the fourth order, now exhibited from the mainland opposite the Sacramento Shoal, will be extinguished on the 15th April 1902, and a dioptric white flashing light, giving one flash every five seconds, will be exhibited on the same date from a concrete tower. The light will be 140 feet above the sea, and will be visible in clear weather from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 157.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

Travancore—Exhibition of a new light at Tangacherri.

THE Presidency Port Officer, Madras, has given notice (No. 19 of 1901) that a dioptric group flashing white light, giving two flashes every 10 seconds, will be exhibited at Tangacherri Point on 1st April 1902 from a cement grey tower 140 feet above the sea, and visible in clear weather from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 158.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Pulicat—Date of exhibition of temporary fixed white light.

WITH reference to Notice to Mariners No. 338, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 20 of 1901) that the light at Pulicat will be extinguished from and after 1st November 1901 for a period of one month, and will be re-exhibited on the 1st December 1901. During the interval a temporary fixed white light will be exhibited from the roof of lightkeepers' quarters, visible in all directions seaward ten miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 159.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Masulipatam—Exhibition of a fixed white light.

WITH reference to Notice to Mariners No. 125⁽³⁾, dated 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 22 of 1901) that a fixed white light will be exhibited on the 1st July 1901 (until the arrival of the occulting apparatus) from a white masonry tower on the coast immediately to the northward of the entrance to the Masulipatam river—Lat. 16° 9' N., Long. 81° 10' E. The light will be 33 feet above the sea and will be visible in clear weather from a distance of eleven miles in all directions seaward.

2. On the date of exhibition of this light, the fixed white light, now displayed from the flagstaff at Masulipatam, will be discontinued.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 160.

[Second Publication.]

AUSTRALIA—GULF OF CARPENTARIA.

Proudfoot shoal lightship.

THE President, Marine Board, Port Adelaide, informs Masters of vessels and others (No. 10 of 1901) that the Harbour Master, Thursday Island, reports that the Proudfoot Shoal Lightship is away from its advertised position.

This affects Admiralty Chart No. 1043.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 161.

[Second Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

Neptune islands—Date of exhibition of light.

WITH reference to Notice to Mariners No. 26, dated 11th February 1901, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 11 of 1901) that the proposed light on the South Neptune Island will in all probability, as previously advised, be exhibited about October 1901. The structure will be made of braced wrought iron, painted red, and situated on the highest point of the most Southern Island, in lat. 35° 20' 10" S., long. 136° 6' 45" (approx.). The light is to be of the second order, revolving once in fifty (50) seconds, and showing all round the horizon a group of three (3) white flashes at intervals of ten (10) seconds and an eclipse of thirty (30) seconds. Its focal plane will be one hundred and seventy-nine (179) feet above high-water mark, and it will be visible from a vessel's deck for a distance of about twenty (20) miles in clear weather. The cottages and stores, which will be built on the north side of the island, are to be composed of granite with roofs of red tiles, and will not be visible from the southern side.

This affects Admiralty Chart No. 2389.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 162.

[Second Publication.]

AUSTRALIA, SOUTH—GULF OF ST. VINCENT.

Port Willunga—Bed Perch buoy replaced.

THE President, Marine Board, Port Adelaide, has given notice (No. 12 of 1901), informing masters of vessels and others that the Bed Perch Buoy off Port Willunga has been replaced.

This affects Admiralty Chart No. 2389 A.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 142.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Intended alteration in the position of Elephant lights.

THE Bombay Government has given notice (No. 26 of 1901) that information has been received from the Port Officer, Rangoon, that it is intended to remove on 22nd March 1901 the lights at Elephant Point 150 feet to the southward on the same line of bearings.

This Notice affects the following Admiralty publications:—Chart, Rangoon River and approaches, No. 833; Bay of Bengal Pilot, Second Edition, 1892, page 325, and List of Lights, Part VI, 1900, No. 367.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 143.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

Quilon Roads—Red buoy out of position.

THE Master Attendant, Alleppey, has given notice that the Red Buoy which marks the entrance to the Quilon Roads at the Northern end is reported to have drifted out of position. It will be taken in as soon as possible, and will probably not be replaced this season.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 144.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Spit light vessel removed for repairs.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon stating that Spit light vessel showing twelve-mile light will be removed on the 16th May for repairs. She will be replaced temporarily by another vessel exhibiting a white light visible all round the horizon at a distance of five miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 145.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 7th May and reduced to zero:—

					FT. IN.
<i>Track No. I—Outer bar—</i>					
Disc on mast with black and white casks ...	...	...	...	...	7 9
Disc in centre between diamond and mast with white and black casks ...	...	...	...	...	10 3
Disc on diamond ...	...	...	...	...	10 6
<i>Track No. II—Inner bar—</i>					
Disc on mast with black and white casks ...	...	...	...	...	9 3
Disc in centre between diamond and mast with black and white casks ...	...	...	...	...	11 0
Disc on diamond ...	...	...	...	...	11 0
<i>Track No. III—</i>					
Tripod on cross and ball ...	...	...	...	...	21 0
<i>Track No. IV—</i>					
Triangle on mast with black and white casks ...	...	...	...	...	22 0
<i>Track No. V—Guptakhalli crossing—</i>					
Old marks ...	...	...	...	...	8 0
Centre ...	...	...	...	...	17 6
Tripod on diamond ...	...	...	...	...	20 0

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 146.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA SEA.

Position of a wreck.

THE Master of the S.S. *Fazilka* reports that on the 21st April at 2-30 P.M., when passing through Carmiata Straits, and in Lat. 2° 35' 00" S., Long. 109° 08' 00" E., he passed the mast of a vessel standing upright about 15 feet above the water, with other wreckage one mile to the eastward, evidently parts of a wrecked vessel.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 5, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 163.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINES—SAMAR ISLAND.

(1) *Kalbayok—Light established.*

THE British Admiralty has given notice (No. 287 of 1901) that a *red* light is now exhibited from a tripod situated at the northern end of the town of Kalbayok.

Approximate position, lat. $12^{\circ} 4' N.$, long. $124^{\circ} 36' E.$

(2) *Katbalogan—Light established.*

Also, that a *red* light is exhibited from the Army Head-quarters building at Katbalogan.

Approximate position, lat. $11^{\circ} 46\frac{1}{2}' N.$, long. $124^{\circ} 52\frac{1}{4}' E.$

(3) *Lutao and Pamuntangan Reefs—Beacons erected.*

Also, that the following beacons have been erected:—

- (a) A large beacon on the north end of Lutao reef, in a position bearing S. $50^{\circ} W.$, distant $1\frac{1}{2}$ miles from Anas point.

Approximate position, lat. $11^{\circ} 46\frac{1}{2}' N.$, long. $124^{\circ} 50' E.$

- (b) A large beacon on Pamuntangan reef, in a position bearing S. $17^{\circ} E.$, distant 8 cables from Jesus point.

Approximate position, lat. $11^{\circ} 46' N.$, long. $124^{\circ} 52' E.$

(Variation $0^{\circ} 45'$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 2577; San Pedro bay to Libukan islands, No. 2987; Katbalogan, Buri, and Darajuai anchorages on sheet No. 1622; Also, List of Lights, part VI, 1901, page 100; and Eastern Archipelago, part I, 1890, pages 328, 330.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 164.

[Second Publication.]

JAPAN—INLAND SEA.

Kami kama gari shima—Shoals in the vicinity.

THE British Admiralty has given notice (No. 296 of 1901) that, during a recent survey in the vicinity of Kami kama gari shima, the under-mentioned dangers were discovered:—

- a. A shoal, with a depth of $3\frac{3}{4}$ fathoms, stones, is situated to the north-eastward of the islet off the S.E. extreme of Kami kama gari shima, with the east extreme of the islet bearing S. $51^{\circ} 30'$ W., distant three-fifths of a cable, and the S.W. extreme of Okubi shima bearing S. $24^{\circ} 20'$ E.

Approximate position, lat. $34^{\circ} 9' 25''$ N., long. $132^{\circ} 44' 55''$ E.

- b. A rock that dries 13 feet is situated on the bank on the western side of Okubi shima, with the eastern extreme of the above-mentioned islet bearing N. $34^{\circ} 50'$ W., distant 4 cables, and the N.W. extreme of Okubi shima bearing N. $51^{\circ} 45'$ E.

Approximate position, lat. $34^{\circ} 9' 5''$ N., long. $132^{\circ} 45' 10''$ E.

- c. A shoal, with a depth of $3\frac{3}{4}$ fathoms, mud, is situated to the southward of Shimo kama gari shima, with Ono no hana bearing N. $57^{\circ} 15'$ W., distant 7 cables, and the N.W. extreme of Koguro jima bearing S. $30^{\circ} 30'$ W.

Approximate position, lat. $34^{\circ} 9' 55''$ N., long. $132^{\circ} 39' 15''$ E.

(Variation $4\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Yanagi no Seto to Neko Seto, No. 1206: Also, China Sea Directory, vol. IV, 1894, pages 407, 408.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 25th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 165.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA—NORTH COAST.

CAUTION.—Bantam bay—Shoal off Pontang point.

THE British Admiralty has given notice (No. 299 of 1901) that the Master of the S.S. *Queen Olga* reports having obtained a sounding of $3\frac{1}{2}$ fathoms, very soft mud, off Pontang point, in a position with Pamujan besar island bearing S. 74° W., distant 5 miles, and the west extreme of Babi island bearing N. 24° W.

Approximate position, lat. $5^{\circ} 55'$ S., long. $106^{\circ} 18'$ E.

CAUTION.—From the above report it appears that the bank to the eastward of Pontang point has extended since it was surveyed in 1886; mariners are therefore recommended when rounding it to give it a good berth.

(Variation $0^{\circ} 30'$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, western portion No. 1653; Sunda strait and approaches, No. 2056: Also, Sailing Directions for the Eastern Archipelago, part II, 1893, page 80.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 25th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 166.

[Second Publication.]

JAPAN—NIPON, SOUTH COAST.

(1) *Tanabé bay (Kii channel)—Rocks.*

THE British Admiralty has given notice (No. 301 of 1901) of the existence of the undermentioned rocks in Tanabé bay, Kii channel, south coast of Nipon:—

- (a) A rock, named Takashimanone, with a depth over it of about 5 feet, is situated with the south extreme of Taka shima bearing N. 34° E., distant $2\frac{1}{10}$ cables, and the point southward of Seto village, S. 73° E. Shoal water extends from Taka shima to this rock.

Approximate position, lat. $33^{\circ} 40' 55''$ N., long. $135^{\circ} 20' 55''$ E.

- (b) A rock, named Takashimaose, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with Tō shima (Square island) bearing S. 34° E., distant $1\frac{3}{10}$ miles, and islet (40 feet high) off Maru yama point N. 70° E.
- (c) A rock, named Kamiyagata, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 28° E., distant nearly $1\frac{2}{10}$ miles, and the islet off Maru yama point N. 67° E.
- (d) A rock, named Nakashima, with a depth over it of $2\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 6° E., distant 8 cables, and the islet off Maru yama point N. 51° E.
- (e) A rock named Nakanoshima, with a depth over it of $1\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 67° W., distant about $12\frac{1}{2}$ cables, and the islet off Maru yama point N. 6° W.

Sunken rocks with depths over them of less than 5 fathoms extend for a distance of $1\frac{1}{2}$ cables to the northward and southward of this rock.

- (f) A rock, named Tanakayose, awash at low water, is situated with the north extreme of Kang rha sima bearing N. 89° W., distant about $6\frac{3}{10}$ cables, and Hata shima (near Sikura village) N. 20° W.

Shoal water extends for $4\frac{1}{2}$ cables to the eastward of this rock.

- (g) A rock, named Hiratoko, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with the islet off Maru yama point bearing S. 79° E., distant $8\frac{3}{10}$ cables, and the south extreme of Moto shima (Ebi shima) N. 67° E.
- (h) A rock, named Shizumi, with a depth of $2\frac{1}{2}$ fathoms over it, is situated with the north extreme of Moto shima (Ebi shima) bearing S. 67° E., distant about 5 cables.

Approximate position, lat. $33^{\circ} 44' 10''$ N., long. $135^{\circ} 21' 15''$ E.

- (i) A rock, named Takafude, with a depth of $4\frac{1}{2}$ fathoms over it, situated with the north extreme of Moto shima (Ebi shima) bearing S. 82° E., distant about 2 miles.

Approximate position, lat. $33^{\circ} 44' 10''$ N., long. $135^{\circ} 19' 30''$ E.

- (j) A rock, named Nadanohae, with a depth of $4\frac{1}{2}$ fathoms over it, is situated with the north extreme of Moto shima (Ebi shima) bearing S. 75° E., distant about 2 miles.

Approximate position, lat. $33^{\circ} 44' 20''$ N., long. $135^{\circ} 19' 35''$ E.

- (k) A rock, named Chongarise, with a depth of $3\frac{1}{2}$ fathoms over it, is situated with Shika jima (Ichi no shima) bearing S. 34° E., distant about $2\frac{1}{2}$ miles.

Approximate position, lat. $33^{\circ} 45' 15''$ N., long. $135^{\circ} 19' 40''$ E.

- (l) A rock, named Nakanoshima, with a depth of $3\frac{1}{2}$ fathoms over it, is situated with Shika jima (Ichi no shima) bearing S. 34° E., distant about $2\frac{1}{10}$ miles.

Approximate position, lat. $33^{\circ} 45' 20''$ N., long. $135^{\circ} 19' 35''$ E.

NOTE.—New editions of charts Nos. 357 and 951 will be issued.

(2) *Fuku ura—Rocks—Beacon.*

Also, that the under-mentioned rocks exist in Fuku ura on the south coast of Nipon:—

- (a) A rock, named Nakakuromi, with a depth over it of $1\frac{1}{2}$ fathoms, is situated with To saki bearing N. 22° W., distant about $3\frac{1}{2}$ cables, and Sumi saki S. 45° W.

Approximate position, lat. $33^{\circ} 28' 5''$ N., long. $135^{\circ} 46' 40''$ E.

- (b) A rock, named Kajikake, which dries 3 feet, is situated with To saki bearing N. 22° E., distant about 3 cables, and the summit of Inamura jima N. 63° W.

Shoal water of less than 3 fathoms extends for a distance half a cable to the southward of the rock.

A small triangular beacon has been erected on this rock, but its existence cannot be relied on.

(Variation $4\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kii channel to Owasi bay, No. 951; bay of Tanabé on sheet No. 357; Oô sima harbour on sheet No. 356: Also, China Sea Directory, vol. IV, pages, 257, 258, 259 and 261.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 167.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot shoal lightship.

THE Port Master, Brisbane, has given notice (No. 10 of 1901) that the Proudfoot Shoal Lightship has been removed in a position approximately two miles south-west from the Proudfoot Shoal.

Chart affected—No. 2354, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 168.

[Second Publication.]

AUSTRALIA, SOUTH—GULF OF ST. VINCENT—APPROACH TO PORT ADELAIDE.

Wonga shoal—Date of exhibition of the light.

WITH reference to Notices to Mariners, issued by this office, No. 144, dated 15th June 1900, No. 304, dated 27th November 1900, and No. 56, dated 4th March 1901, the President, Marine Board, Port Adelaide, has given further notice (No. 13 of 1901), informing masters of vessels and others that the light on Wonga Shoal, Port Adelaide, will be exhibited on the night of the 1st July 1901.

The light will be of the first order, white, bright flash every thirty seconds, visible around the horizon for a distance of seventeen miles.

The whole structure, including tower and keepers' quarters, will be on screw piles, and will be constructed of iron.

The lantern, tower, and superstructure will be painted red and the keepers' quarters white.

Approximate position, latitude, $34^{\circ} 50' 25''$ S.; longitude $138^{\circ} 26' 58''$ E.

As notified in Notice to Mariners, No. 8 of 1900, a temporary light of the third order, revolving every thirty seconds, visible about fifteen miles, will be exhibited from a temporary tower on the old Port Adelaide lighthouse, on and after Monday, April 29th, during the removal of the lighting apparatus, and from July 1st, 1901, until the old lighthouse is dismantled and the removal of the structure completed, a riding light will be exhibited therefrom.

From July 1st, 1901, a white occulting light, visible for a distance of five miles, will be shown from a buoy placed in the position now occupied by the red buoy, to mark the entrance to the river.

This affects Admiralty plans Nos. 1750 and 1752.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 169.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 110, dated 20th April 1901, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 14 of 1901) informing mariners that, pending execution of repairs and until further notice, an ordinary riding light will be exhibited in lieu of the light previously used.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 170.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

Cochin—Date of exhibition of temporary light.

WITH reference to Notice to Mariners No. 336, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 21 of 1901) that the light at Cochin will be extinguished from and after 1st September 1901 for a period of four months, and will be re-exhibited on 1st January 1902. During the interval a temporary white fixed light will be exhibited from a mast forty feet above high-water and visible eight miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 147.

[Third Publication.]

CHINA—AMOY, INNER HARBOUR.

Pier lights.

THE British Admiralty has given notice (No. 260 of 1901) that a small pier has been built on the eastern side of Amoy Inner harbour for the use of steamers discharging oil.

It is situated about one cable to the southward of the outer end of Stonecutters-jetty; and from the outer end of the pier Semaphore station bears S. 87° W., and Chiotah beacon N. 54° W. There is a dolphin on either side from each of which a red light is shown.

Approximate position, lat. 24° 27' N., long. 118° 4½' E.

This Notice affects the following Admiralty Chart:—Amoy Inner harbour, No. 1764. Also, List of Lights, part VI, 1901, page 120; and China Sea Directory, vol. III, page 179.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 148.

[Third Publication.]

PACIFIC OCEAN—HAWAIIAN ISLANDS.

Honolulu harbour—Occasional lights on buoys.

THE British Admiralty has given notice (No. 263 of 1901) that the following lights will be exhibited on the buoys, when large steamers require to enter or leave Honolulu harbour:—

- (a) A white light on one or on each of the red conical buoys, Nos. 2, 3, 4, and 5, marking the starboard side of the channel.

(b) One red light or two red lights close together on the outer buoy (white can), marking the port side of the channel, and a green light on the 6th or 7th pile.

The Pilots may sometimes place a red light on No. 5 red buoy, in which case no other light will be shown.

Approximate position, No. 5 buoy, lat. $21^{\circ} 17' N.$, long. $157^{\circ} 52' W.$

This Notice affects the following Admiralty Charts:—Plan of Honolulu harbour on chart No. 1510; Honolulu harbour, No. 1378; Also, Pacific islands, vol. III, 1900, page 230.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 149.

[Third Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Pilot's hulk moved.

WITH reference to Notice to Mariners No. 276, dated the 26th October last, issued by this office, the British Admiralty has given further notice (No. 265 of 1901) that the Pilot's hulk has been moved, and is again near the Cockburn shoal buoy, in a position with the Pile lighthouse bearing S. $10^{\circ} W.$, distant 4 cables.

Approximate position, lat. $25^{\circ} 52' 55'' S.$, long. $32^{\circ} 53' 50'' E.$

CAUTION.—As this Pilot hulk appears to be liable to be shifted in position, it is evident it cannot be relied on as a navigational mark.

(Variation $23\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Delagoa bay, No. 644; Also, Africa Pilot, part III, 1897, pages 194, 195; Supplement, 1900, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 150.

[Third Publication.]

AUSTRALIA, EAST COAST.

Pipon island—Light exhibited, channel rock light vessel withdrawn.

WITH reference to Notice to Mariners No. 259, dated 12th October last, issued by this office, the British Admiralty has given further notice (No. 266 of 1901) that on or about 7th March 1901, a dioptric fixed light of the 4th order would be exhibited from the southern island of the Pipon group.

Pipon island light is elevated 55 feet above high water, and visible in clear weather from a distance of 13 miles, and shows the following sectors:—White from the bearing of N. $72^{\circ} W.$, through north, to N. $53^{\circ} E.$; red from N. $53^{\circ} E.$ to N. $76^{\circ} E.$; white from N. $76^{\circ} E.$ to N. $88^{\circ} E.$

It is exhibited from a skeleton tower 60 feet high, and painted red, erected on the southern island in lat. $14^{\circ} 7' 20'' S.$, long. $144^{\circ} 30' 50'' E.$

On the exhibition of this light Channel rock light vessel was withdrawn.

(Variation $5\frac{1}{2}^{\circ}$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Coral sea, &c., No. 2764; Turtle group to Claremont point, No. 2922; Also, List of Lights, part VI, 1901, page 218, No. 1328; and Australia Directory, vol. II, 1898, page 365; Supplement, 1900, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 151.

[Third Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Discoloured water off Nederburgh point.

THE British Admiralty has given notice (No. 277 of 1901) that the Master of S.S. *Bantam* reports having sighted discoloured water in a position 3 miles to the north-eastward of Nederburgh point.

Approximate position, lat. $2^{\circ} 53' 30''$ S., long. $122^{\circ} 21' 00''$ E.

This Notice affects the following Admiralty Chart:—*Eastern Archipelago, eastern portion, No. 942a: Also, Eastern Archipelago, part II, 1893, page 360.*

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 152.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Black cask buoy removed temporarily.

THE Port Officer, Chittagong, has given notice that the small black cask buoy marking the sand spit west of No. 3 Track opposite the mark, mast with black and white casks, has been removed and will not be again replaced until after the south-west monsoon.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 153.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Vakalapudi light.

THE Presidency Port Officer, Madras, has given notice (No. 15 of 1901) that during the alterations to the Vakalapudi Light, it will be extinguished from and after the 15th November 1901 for a period of one month, and will be re-exhibited on the 15th December 1901. During the interval a temporary fixed white light will be exhibited from the existing tower.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 154.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Armeghon—A temporary fixed white light.

WITH reference to Notice to Mariners No. 339, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 16 of 1901) that the light at Armeghon will be extinguished from and after the 1st February 1902 for a period of one month, and will be re-exhibited on the 1st March 1902. During the interval a temporary fixed white light will be exhibited from roof of light-keepers' quarters, visible in all directions seaward 12 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 155.

[Third Publication.]

INDIA, SOUTH-EAST—CEYLON, NORTH COAST.

Pamban—Date of exhibition of temporary light.

WITH reference to Notice to Mariners No. 337, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 17 of 1901) that the light at Pamban will be extinguished from and after 1st July 1901 for a period of three months, and will be re-exhibited on 1st October 1901. During the interval a temporary light will be exhibited from the existing tower, visible in all directions seaward eight miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 20th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 156.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Sacramento light.

THE Presidency Port Officer, Madras, has given notice (No. 18 of 1901) that the temporary dioptric port light of the fourth order, now exhibited from the mainland opposite the Sacramento Shoal, will be extinguished on the 15th April 1902, and a dioptric white flashing light, giving one flash every five seconds, will be exhibited on the same date from a concrete tower. The light will be 140 feet above the sea, and will be visible in clear weather from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 20th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 157.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

Travancore—Exhibition of a new light at Tangacherri.

THE Presidency Port Officer, Madras, has given notice (No. 19 of 1901) that a dioptric group flashing white light, giving two flashes every 10 seconds, will be exhibited at Tangacherri Point on 1st April 1902 from a cement grey tower 140 feet above the sea, and visible in clear weather from a distance of 18 miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 20th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 158.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Pulicat—Date of exhibition of temporary fixed white light.

WITH reference to Notice to Mariners No. 338, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 20 of 1901) that the light at Pulicat will be extinguished from and after 1st November 1901 for a period of one month, and will be re-exhibited on the 1st December 1901. During the interval a temporary fixed white light will be exhibited from the roof of lightkeepers' quarters, visible in all directions seaward ten miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 20th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 159.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Masulipatam—Exhibition of a fixed white light.

WITH reference to Notice to Mariners No. 125⁽³⁾, dated 28th May 1898, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 22 of 1901) that a fixed white light will be exhibited on the 1st July 1901 (until the arrival of the occulting apparatus) from a white masonry tower on the coast immediately to the northward of the entrance to the Masulipatam river—Lat. 16° 9' N., Long. 81° 10' E. The light will be 33 feet above the sea and will be visible in clear weather from a distance of eleven miles in all directions seaward.

2. On the date of exhibition of this light, the fixed white light, now displayed from the flagstaff at Masulipatam, will be discontinued.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 160.

[Third Publication.]

AUSTRALIA—GULF OF CARPENTARIA.

Proudfoot shoal lightship.

THE President, Marine Board, Port Adelaide, informs Masters of vessels and others (No. 10 of 1901) that the Harbour Master, Thursday Island, reports that the Proudfoot Shoal Lightship is away from its advertised position.

This affects Admiralty Chart No. 1043.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 161.

[Third Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

Neptune islands—Date of exhibition of light.

WITH reference to Notice to Mariners No. 26, dated 11th February 1901, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 11 of 1901) that the proposed light on the South Neptune Island will in all probability, as previously advised, be exhibited about October 1901. The structure will be made of braced wrought iron, painted red, and situated on the highest point of the most Southern Island, in lat 35° 20' 10" S., long. 136° 6' 45" (approx.). The light is to be of the second order, revolving once in fifty (50) seconds and showing all round the horizon a group of three (3) white flashes at intervals of ten (10) seconds and an eclipse of thirty (30) seconds. Its focal plane will be one hundred and seventy-nine (179) feet above high-water mark, and it will be visible from a vessel's deck for a distance of about twenty (20) miles in clear weather. The cottages and stores, which will be built on the north side of the island, are to be composed of granite with roofs of red tiles, and will not be visible from the southern side.

This affects Admiralty Chart No. 2389.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 162.

[Third Publication.]

AUSTRALIA, SOUTH—GULF OF ST. VINCENT.

Port Willunga—Bed Perch buoy replaced.

THE President, Marine Board, Port Adelaide, has given notice (No. 12 of 1901), informing masters of vessels and others that the Bed Perch Buoy off Port Willunga has been replaced.

This affects Admiralty Chart No. 2389 A.

E. J. BEAUMONT, COMDR., R.N.,
Offy. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 12, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 171.

[First Publication.]

AUSTRALIA—NORTH BARNARD ISLAND.

Character of the light.

THE Portmaster Brisbane has given notice (No. 9 of 1901) that in future the Light exhibited from North Barnard Island will be Fixed White, instead of the Group Flashing Light previously shown.

The Light is visible fourteen miles in clear weather between the bearings of approximately N. $\frac{1}{4}$ E. and S.E. $\frac{1}{4}$ E.

Chart affected, No. 2349; and Australia Directory, volume 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 172.

[First Publication.]

INDIA, WEST—MALABAR COAST.

Quilon—Black and Red buoys removed.

THE Master Attendant, Alleppey, has given notice, dated the 22nd May 1901, informing mariners that the Red and Black Buoys, marking the entrance to the Port of Quilon, have been removed, and will not be replaced until the commencement of the next shipping season.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 173.

[First Publication.]

PACIFIC OCEAN—FIJI ISLANDS.

Caution.—Extensive bank reported to the north-eastward.

THE British Admiralty has given notice (No. 306 of 1901) that the S.S. *Manapouri* on the 7th January last, saw the bottom and obtained soundings of 13 fathoms over a distance of about 11 miles, in approximately lat. $15^{\circ} 55' S.$, long. $176^{\circ} 50' W.$

This is near the position of the shoal reported by Captain Wilson of the schooner *Zephyr* in 1875, who stated that in lat. $15^{\circ} 58' S.$, long. $177^{\circ} 10' W.$, he saw an extensive shoal on which there was a rock awash (see Notice to Mariners No. 58 of 1876).

In June 1876, H.M.S. *Pearl*, when passing the reported position of the shoal, obtained two soundings of $5\frac{1}{2}$ fathoms at night. Sail was shortened and course altered, but almost immediately afterwards no bottom could be obtained at 12 fathoms. The position given by H.M.S. *Pearl* was lat $16^{\circ} 0' S.$, long $176^{\circ} 6' W.$

In 1879, Captain Carmichael of the schooner *Louisanna* reported obtaining soundings of from 15 to 17 fathoms in lat. $15^{\circ} 56' S.$, long. $176^{\circ} 56' W.$

The *Zephyr* shoal was searched for in 1895 by H. M. Surveying vessel *Penguin*, Commander A. Balfour, and soundings of 11 fathoms were obtained in lat. $15^{\circ} 53' S.$, long. $176^{\circ} 46' W.$, or near the position given by the S.S. *Manapouri*.

The shoaler water reported by H.M.S. *Pearl* and by the schooner *Zephyr* was not found, although the weather was somewhat rough, so that Commander Balfour was of the opinion that did such soundings exist, the sea would have been breaking over the locality.

In consequence of the above reports, Mariners are warned that much shoaler water may exist in this locality than is at present shown on the Charts.

This Notice affects the following Admiralty Charts:—Pacific Ocean, south-west sheet, No. 780; Fiji islands to Samoa islands, No. 1829: Also, Sailing Directions for the Pacific islands, Vol. II, 1900, page 237.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

* GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 174.

[First Publication.]

CHINA SEA—BANKA STRAIT APPROACH.

Wreck eastward of Tanjong Bong disappeared.

WITH reference to Notice to Mariners No. 274, dated 28th December 1898, issued by this office, the British Admiralty has given further notice (No. 308 of 1901) that a careful search by H. N. M. surveying vessel, *Van Gogh*, having failed to find any trace of the sunken wreck reported $13\frac{1}{2}$ miles E. by S. $\frac{1}{4}$ S., from Tanjong Bong, Sumatra, and previous searches having been equally unsuccessful, it has been expunged from the charts.

Approximate position, lat. $1^{\circ} 5' S.$, long. $104^{\circ} 35' E.$

This notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Banka Strait to Singapore, No. 2757: Also, China Sea Directory, vol. I, 1896, pages 401, 543; and Supplement, 1899, page 36.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 175.

[First Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON, WEST COAST.

Masinglok port—Coral bank extending from village.

THE British Admiralty has given notice (No. 322 of 1901) of the existence of a bank of coral and sand, with depths over it of 3 fathoms and under, extending from the village of Masinglok in a south-westerly direction for a distance of 11 cables.

This bank is in the shape of a tongue, and is about 3 cables broad; its extremity is situated with the east point of Pulo Salvador bearing about south, distant 4 cables, and the north-east point of the same island, S. 88° W.

Approximate position lat. 15° 32½' N., long 119° 55' E.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Chart:—Ports Masinglok and Matalvi, No. 945: A so, China Sea Directory, vol. II, 1899, page 317, and Eastern Archipelago, part I, 1890, page 48.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 176.

[First Publication.]

AUSTRALIA, SOUTH—STREAKY, SMOKY, DENIAL AND MURAT BAYS.

Beacons and buoys established.

THE British Admiralty has given notice (No. 324 of 1901) that the following beacons and buoys have been established in the undermentioned bays on the south coast of Australia:—

Streaky Bay.

- (a) A red pile beacon with a ball as topmark has been erected in a depth of 6 feet on the eastern extremity of the South sand, with the house near Perlubie Point bearing East, distant 2 miles.

Approximate position, lat. 32° 38½' S., long 134° 15' E.

Dashwood channel, north side:—

- (b) A black buoy surmounted by a framework and diamond has been moored in a depth of 4 fathoms, with Cape Bauer bearing S. 24° W., distant $8\frac{7}{10}$ miles, and Brown Point, N. 80° W.
(c) A black buoy surmounted by staff and diamond has been moored in a depth of 3 fathoms, with Cape Bauer bearing S. 34° W., distant $9\frac{3}{10}$ miles, and red beacon on South sand, S. 60° E.

Dashwood channel, south side:—

- (d) A red buoy surmounted by staff and ball has been moored in a depth of 4 fathoms, with Cape Bauer bearing S. 20° W., distant $7\frac{8}{10}$ miles, and De Mole point, N. 50° W.
(e) A red buoy surmounted by staff and ball has been moored in a depth of 3 fathoms, with Cape Bauer bearing S. 38° W., distant $9\frac{3}{10}$ miles, and De Mole point, N. 60° W.

There is a depth of 3 fathoms throughout this channel at L.W.O.S.

Smoky Bay.

Waterwitch channel, north side:—

- (a) A black buoy surmounted by staff and diamond has been moored in a depth of $3\frac{1}{2}$ fathoms, with Cape d'Estree bearing N. 20° E., distant $2\frac{7}{10}$ miles, and Saddle Peak, N. 87° E.

Approximate position, lat. 32° 18½' S., long. 133° 44' E.

- (b) A black buoy surmounted by staff and diamond has been moored in a depth of 3 fathoms, with west point of Eyre island bearing S. 10° E., distant $3\frac{3}{10}$ miles, and Saddle peak, S. 88° E.

Waterwitch channel, south side:—

- (c) A red buoy surmounted by staff and ball has been moored in a depth of $3\frac{1}{2}$ fathoms, with Cape d'Estree bearing N. 20° D., distant $3\frac{4}{10}$ miles, and mount Younghusband, N. 56° W.
(d) A red buoy surmounted by staff and ball has been moored in a depth of 3 fathoms, with the western end of Eyre island bearing S. 8° E., distant 3 miles, and Saddle peak, N. 84° E.

Denial Bay.

Yatala channel, north side :—

- (a) A black buoy surmounted by staff and diamond has been moored in a depth of $2\frac{1}{2}$ fathoms with cape Vivonne bearing S. 68° E., distant $2\frac{1}{2}$ miles, and Cape Thevenard, N. 5° E.

Yatala channel, south side :—

- (b) A red buoy surmounted by staff and ball has been moored in a depth of 3 fathoms with Bird rock bearing N. 68° E., distant about 8 cables.

This channel has a depth of $2\frac{1}{2}$ fathoms throughout.

Murat Bay.

The north end of the spit at the entrance to this bay has been marked by black beacon with diamond topmark erected in a depth of 6 feet. It has been placed on the chart with Daphne rock bearing S. 62° E., distant 8 cables.

Approximate position, lat. $32^{\circ} 9\frac{1}{2}'$ S., long. $133^{\circ} 38'$ E.

(Variation 3° Easterly in 1901.)

This notice affects the following Admiralty Chart :—Plans on sheet, No. 1061: Also Australia Directory, Vol. I, 1897, pages 141, 136, 130, 132.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 177.

[First Publication.]

AFRICA, NORTH-EAST COAST—RED SEA—SAWAKIN.

Starkey patch—Particulars and position.

THE British Admiralty has given notice (No. 325 of 1901) that information has been received from the Eastern Telegraph Company that their S.S. *Chiltern*, commanded by Mr. J. W. Starkey, has reported a coral head, now named Starkey patch, on which was obtained, in April 1899, a depth of $3\frac{1}{2}$ fathoms situated in the approach to Sawakin in a position N. N. E. $\frac{1}{2}$ E., distant $4\frac{1}{2}$ miles from Chiltern patch, in lat. $19^{\circ} 7' 20''$ N., long. $37^{\circ} 53' 55''$ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts :—Red Sea, No. 8c; Mersa Durûr to Trinkitat, No. 81: Also Red Sea, &c., Pilot, 1900, page 170.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 178.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Nipa Nipa (Lasolo) Bay—Reefs reported—Particulars of others.

THE British Admiralty has given notice (No. 327 of 1901) of the existence of the following reefs in Nipa Nipa or Lasolo Bay :—

- (a) A reef about 200 yards in diameter, with a depth of 2 fathoms over it, in approximately lat. $3^{\circ} 45'$ S., long. $122^{\circ} 30\frac{1}{2}'$ E. This reef, which is circular in form, steep-to, and distinguished by discoloration of the water, is situated about 400 yards within the 100-fathom contour line of soundings.

- (b) The reef in approximately lat. $3^{\circ} 29' S.$, long. $122^{\circ} 24' E.$, and marked D on the chart, is correctly placed, and has a depth of 4 feet over it, with soundings of 20 to 25 fathoms around it.
- (c) The reef in approximately lat. $3^{\circ} 33' S.$, long. $122^{\circ} 28\frac{1}{2}' E.$, has a depth of 7 feet over it; it is about 400 yards long, in an easterly and westerly direction, and 200 yards broad. Depths of 20 to 25 fathoms surround it.
- (d) A reef with a depth of 6 feet over it, 500 yards long, in a north-westerly and south-easterly direction, and 200 yards broad, is situated in approximately lat. $3^{\circ} 30\frac{1}{2}' S.$, long. $122^{\circ} 28\frac{1}{2}' E.$
- (e) A fairly extensive reef, with a depth of 10 feet over it, is situated about $1\frac{1}{2}$ miles south-eastward of the north point of Haans Island in line with Labengki Peak, in approximately lat. $3^{\circ} 29' S.$, long. $122^{\circ} 30' E.$ Between the last two-mentioned reefs, depths exceeding 50 fathoms were obtained.

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also, Eastern Archipelago, Part II, 1893, page 360; and Supplement, 1899, page 57.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 179.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA—SURABAYA STRAIT, NORTHERN APPROACH.

Panka Point—Buoy established.

THE British Admiralty has given notice (No. 329 of 1901) that a red nun buoy, surmounted by a staff and ball, has been moored to mark the extremity of the bank extending off Panka Point; it is situated with Panka Point bearing S. $15^{\circ} E.$, distant $3\frac{3}{16}$ miles, and Malang Hill (459 ft.), S. $56^{\circ} W.$

Approximate position, lat. $6^{\circ} 52' S.$, long. $112^{\circ} 33\frac{1}{2}' E.$

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, No. 1654; Surabaya Strait, No. 934: Also, Eastern Archipelago, Part II, 1893, page 140; and Supplement, 1899, page 13.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 180.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Sacramento shoal temporary light.

WITH reference to Notice to Mariners No. 156, dated the 20th May 1901, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 28 of 1901) that the temporary light which is exhibited from the mainland opposite the Sacramento Shoal has been removed to a spot 500 yards east of its former position.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 181.

[First Publication.]

INDIA, WEST—GOA COAST.

Aguada light—Temporarily altered.

With reference to Notice to Mariners No. 90, dated the 2nd April last, issued by this office, the British Admiralty has given notice (No. 313 of 1901) that Aguada light will show *white fixed* until further Notice, in consequence of repairs being required to the revolving light.

Approximate position, lat. 15° 29' N., long. 73° 46' E.

This Notice temporarily affects the following Admiralty Chart:—Achra river to cape Ramas, No. 740; Also, List of Lights, part VI, 1901, No. 253; and West Coast of Hindustan Pilot, 1898, page 164.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 182.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

With reference to Notice to Mariners No. 169, dated the 25th May 1901, issued by this office, the President, Marine Board, Port Adelaide, informs that the Lightship will be replaced on Middle Bank on or about the 8th May 1901 (*see No. 15 of 1901*).

Pending execution of repairs, and until further notice, an Ordinary Riding Light will be exhibited in lieu of the light previously used.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 183.

[First Publication.]

AUSTRALIA, SOUTH—CAPETOWN AND THE GRANGE.

Telegraph cable laid.

THE President, Marine Board, Port Adelaide, has given notice (No. 16 of 1901) informing Masters of vessels and others that pending operations a Buoy marking the end of the Telegraph Cable has been laid between Capetown and the Grange, South Australia. It has been placed in a position W. $\frac{1}{4}$ N. from Cape Borda, distant twenty-four miles, in lat. 35° 42' 30" S., long. 136° 6' 45" E.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 184.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island light.

With reference to Notice to Mariners No. 343, dated 29th December 1900, issued by this Office, it is further notified that on and after the 1st August 1901, the present light on

Shortt's island will be replaced by a fixed white light exhibited from a mast, 61 feet above high water, visible in all directions seaward, at a distance of 13 miles.

This Notice affects the following Admiralty Charts:—Coconada to Bassein river, No. 829; The Sandheads, &c., No. 814; Dhamra river, No. 754; Also, List of Lights, part VI, 1901, Nos. 343 and 344; Bay of Bengal Pilot, 1892, page 176.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 163.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINES—SAMAR ISLAND.

(1) *Kalbayok—Light established.*

THE British Admiralty has given notice (No. 287 of 1901) that a red light is now exhibited from a tripod situated at the northern end of the town of Kalbayok.

Approximate position, lat. $12^{\circ} 4' N.$, long. $124^{\circ} 36' E.$

(2) *Katbalogan—Light established.*

Also, that a red light is exhibited from the Army Head-quarters building at Katbalogan.

Approximate position, lat. $11^{\circ} 46\frac{1}{2}' N.$, long. $124^{\circ} 52\frac{1}{2}' E.$

(3) *Lutao and Pamuntangan Reefs—Beacons erected.*

Also, that the following beacons have been erected:—

(a) A large beacon on the north end of Lutao reef, in a position bearing S. $50^{\circ} W.$, distant $1\frac{1}{2}$ miles from Anas point.

Approximate position, lat. $11^{\circ} 46\frac{1}{2}' N.$, long. $124^{\circ} 50' E.$

(b) A large beacon on Pamuntangan reef, in a position bearing S. $17^{\circ} E.$, distant 8 cables from Jesus point.

Approximate position, lat. $11^{\circ} 46' N.$, long. $124^{\circ} 52' E.$

(Variation $0^{\circ} 45'$ Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 2577; San Pedro bay to Libukan islands, No. 2987; Katbalogan, Buri, and Darajuai anchorages on sheet No. 1622; Also, List of Lights, part VI, 1901, page 100; and Eastern Archipelago, part I, 1890, pages 328, 330.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 164.

[Third Publication.]

JAPAN—INLAND SEA.

Kami kama gari shima—Shoals in the vicinity.

THE British Admiralty has given notice (No. 296 of 1901) that, during a recent survey in the vicinity of Kami kama gari shima, the under-mentioned dangers were discovered:—

a. A shoal, with a depth of $3\frac{3}{4}$ fathoms, stones, is situated to the north-eastward of the islet off the S.E. extreme of Kami kama gari shima, with the east extreme of the islet bearing S. $51^{\circ} 30' W.$, distant three-fifths of a cable, and the S.W. extreme of Okubi shima bearing S. $24^{\circ} 20' E.$

Approximate position, lat. $34^{\circ} 9' 25'' N.$, long. $132^{\circ} 44' 55'' E.$

b. A rock that dries 13 feet is situated on the bank on the western side of Okubi shima, with the eastern extreme of the above-mentioned islet bearing N. 34°

50° W., distant 4 cables, and the N.W. extreme of Okubi shima bearing N. 51° 45' E.

Approximate position, lat. 34° 9' 5" N., long. 132° 45' 10" E.

- c. A shoal, with a depth of 3½ fathoms, mud, is situated to the southward of Shimo kama gari shima, with Ono no hana bearing N. 57° 15' W., distant 7 cables, and the N.W. extreme of Koguro jima bearing S. 30° 30' W.

Approximate position, lat. 34° 9' 55" N., long. 132° 39' 15" E.

(Variation 4½° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Yanagi no Seto to Neko Seto, No. 1206: Also, China Sea Directory, vol. IV, 1894, pages 407, 408.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 25th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA—NORTH COAST.

CAUTION.—Bantam bay—Shoal off Pontang point.

THE British Admiralty has given notice (No. 299 of 1901) that the Master of the S.S. *Queen Olga* reports having obtained a sounding of 3½ fathoms, very soft mud, off Pontang point, in a position with Pamujan besar island bearing S. 74° W., distant 5 miles, and the west extreme of Babi island bearing N. 24° W.

Approximate position, lat. 5° 55' S., long. 106° 18' E.

CAUTION.—From the above report it appears that the bank to the eastward of Pontang point has extended since it was surveyed in 1886; mariners are therefore recommended when rounding it to give it a good berth.

(Variation 0° 30' Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Island of Java, western portion No. 1653; Sunda strait and approaches, No. 2056: Also, Sailing Directions for the Eastern Archipelago, part II, 1893, page 80.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 25th May 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 186.

[Third Publication.]

JAPAN—NIPON, SOUTH COAST.

(1) Tanabé bay (Kii channel)—Rocks.

THE British Admiralty has given notice (No. 301 of 1901) of the existence of the undermentioned rocks in Tanabé bay, Kii channel, south coast of Nipon:—

- (a) A rock, named Takashimanone, with a depth over it of about 5 feet, is situated with the south extreme of Taka shima bearing N. 34° E., distant 2½ cables, and the point southward of Seto village, S. 73° E. Shoal water extends from Taka shima to this rock.

Approximate position, lat. 33° 40' 55" N., long. 135° 20' 55" E.

- (b) A rock, named Takashimaoee, with a depth over it of 3½ fathoms, is situated with Tō shima (Square island) bearing S. 34° E., distant 1½ miles, and islet (40 feet high) off Maru yama point N. 70° E.

- (c) A rock, named Kamiyagata, with a depth over it of $3\frac{3}{4}$ fathoms, is situated with Tō shima bearing S. 28° E., distant nearly $1\frac{2}{3}$ miles, and the islet off Maru yama point N. 67° E.
- (d) A rock, named Nakashima, with a depth over it of $2\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 6° E., distant 8 cables, and the islet off Maru yama point N. 51° E.
- (e) A rock named Nakanoshima, with a depth over it of $1\frac{1}{2}$ fathoms, is situated with Tō shima bearing S. 67° W., distant about $12\frac{1}{2}$ cables, and the islet off Maru yama point N. 6° W.

Sunken rocks with depths over them of less than 5 fathoms extend for a distance of $1\frac{1}{2}$ cables to the northward and southward of this rock.

- (f) A rock, named Tanakayose, awash at low water, is situated with the north extreme of Kang rha sima bearing N. 89° W., distant about $6\frac{3}{4}$ cables, and Hata shima (near Sikura village) N. 20° W.

Shoal water extends for $4\frac{1}{2}$ cables to the eastward of this rock.

- (g) A rock, named Hiratoko, with a depth over it of $3\frac{1}{2}$ fathoms, is situated with the islet off Maru yama point bearing S. 79° E., distant $8\frac{3}{4}$ cables, and the south extreme of Moto shima (Ebi shima) N. 67° E.
- (h) A rock, named Shizumi, with a depth of $2\frac{1}{2}$ fathoms over it, is situated with the north extreme of Moto shima (Ebi shima) bearing S. 67° E., distant about 5 cables.

Approximate position, lat. $33^{\circ} 44' 10''$ N., long. $135^{\circ} 21' 15''$ E.

- (i) A rock, named Takafude, with a depth of $4\frac{1}{2}$ fathoms over it, situated with the north extreme of Moto shima (Ebi shima) bearing S. 82° E., distant about 2 miles.

Approximate position, lat. $33^{\circ} 44' 10''$ N., long. $135^{\circ} 19' 30''$ E.

- (j) A rock, named Nadanohae, with a depth of $4\frac{1}{2}$ fathoms over it, is situated with the north extreme of Moto shima (Ebi shima) bearing S. 76° E., distant about 2 miles.

Approximate position, lat. $33^{\circ} 44' 20''$ N., long. $135^{\circ} 19' 35''$ E.

- (k) A rock, named Chongarise, with a depth of $3\frac{1}{2}$ fathoms over it, is situated with Shika jima (Ichi no shima) bearing S. 34° E., distant about $2\frac{1}{2}$ miles.

Approximate position, lat. $33^{\circ} 45' 15''$ N., long. $135^{\circ} 19' 40''$ E.

- (l) A rock, named Nakanoshima, with a depth of $3\frac{1}{2}$ fathoms over it, is situated with Shika jima (Ichi no shima) bearing S. 34° E., distant about $2\frac{1}{4}$ miles.

Approximate position, lat. $33^{\circ} 45' 20''$ N., long. $135^{\circ} 19' 35''$ E.

NOTE.—New editions of charts Nos. 357 and 951 will be issued.

(2) *Fuku ura—Rocks—Beacon.*

Also, that the under-mentioned rocks exist in Fuku ura on the south coast of Nipon :—

- (a) A rock, named Nakakuromi, with a depth over it of $1\frac{1}{2}$ fathoms, is situated with To saki bearing N. 22° W., distant about $3\frac{1}{2}$ cables, and Sumi saki S. 45° W.

Approximate position, lat. $33^{\circ} 28' 5''$ N., long. $135^{\circ} 46' 40''$ E.

- (b) A rock, named Kajikake, which dries 3 feet, is situated with To saki bearing N. 22° E., distant about 3 cables, and the summit of Inamura jima N. 63° W. Shoal water of less than 3 fathoms extends for a distance half a cable to the southward of the rock.

A small triangular beacon has been erected on this rock, but its existence cannot be relied on.

(Variation $4\frac{1}{2}^{\circ}$ Westerly in 1901.)

This Notice affects the following Admiralty Charts :—Kii channel to Owasi bay, No. 951; bay of Tanabé on sheet No. 357; Oō sima harbour on sheet No. 356: Also, China Sea Directory, vol. IV, pages, 257, 258, 259 and 261.

E. J. BRAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 167.

Third Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACH.

Proudfoot shoal lightship.

THE Port Master, Brisbane, has given notice (No. 10 of 1901) that the Proudfoot Shoal Lightship has been removed in a position approximately two miles south-west from the Proudfoot Shoal.

Chart affected—No. 2354, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 25th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 168.

Third Publication.]

AUSTRALIA, SOUTH—GULF OF ST. VINCENT—APPROACH TO PORT ADELAIDE.

Wonga shoal—Date of exhibition of the light.

WITH reference to Notices to Mariners, issued by this office, No. 144, dated 15th June 1900, No. 304, dated 27th November 1900, and No. 56, dated 4th March 1901, the President, Marine Board, Port Adelaide, has given further notice (No. 13 of 1901), informing masters of vessels and others that the light on Wonga Shoal, Port Adelaide, will be exhibited on the night of the 1st July 1901.

The light will be of the first order, white, bright flash every thirty seconds, visible around the horizon for a distance of seventeen miles.

The whole structure, including tower and keepers' quarters, will be on screw piles, and will be constructed of iron.

The lantern, tower, and superstructure will be painted red and the keepers' quarters white.

Approximate position, latitude, $34^{\circ} 50' 25''$ S.; longitude $138^{\circ} 26' 58''$ E.

As notified in Notice to Mariners, No. 8 of 1900, a temporary light of the third order, revolving every thirty seconds, visible about fifteen miles, will be exhibited from a temporary tower on the old Port Adelaide lighthouse, on and after Monday, April 29th, during the removal of the lighting apparatus, and from July 1st, 1901, until the old lighthouse is dismantled and the removal of the structure completed, a riding light will be exhibited therefrom.

From July 1st, 1901, a white occulting light, visible for a distance of five miles, will be shown from a buoy placed in the position now occupied by the red buoy, to mark the entrance to the river.

This affects Admiralty plans Nos. 1750 and 1752.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 25th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 169.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 110, dated 20th April 1901, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 14 of 1901) informing mariners that, pending execution of repairs and until further notice, an ordinary riding light will be exhibited in lieu of the light previously used.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 25th May 1901.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 170.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

Cochin—Date of exhibition of temporary light.

WITH reference to Notice to Mariners No. 336, dated 20th December 1900, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 21 of 1901) that the light at Cochin will be extinguished from and after 1st September 1901 for a period of four months, and will be re-exhibited on 1st January 1902. During the interval a temporary white fixed light will be exhibited from a mast forty feet above high-water and visible eight miles in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 25th May 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JUNE 19, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[First Publication.]

PACIFIC OCEAN—SANDWICH ISLANDS.

Honolulu harbour—Construction of a sewage pier.

THE British Admiralty has given notice (No. 342 of 1901) that a wooden pier for carrying the sewage of the town to the sea is being constructed on the eastern side of the entrance to Honolulu harbour.

From the inner end of this pier Battery flagstaff bears N. 25° W., distant $1\frac{4}{5}$ cables; from this position it extends seawards on a S. 13° W. bearing about 1,060 yards.

A chimney, which is rather conspicuous, has been built about 20 yards N. 55° W. from the inner end of the pier.

Approximate position, lat. 21° 17½' N., long. 157° 51½' W.

(Variation 10° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Plan of Honolulu on sheet No. 1510; Honolulu harbour, No. 1378; Also, Pacific islands, vol. III, 1900, page 229.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 186.

[First Publication.]

PACIFIC OCEAN—JUAN FERNANDEZ.

Cumberland bay—Light temporarily discontinued.

THE British Admiralty has given notice (No. 344 of 1901) that the light shown at the pier head, Cumberland bay, has been temporarily discontinued, and that it will be some time before it can be re-exhibited.

Approximate position, lat. 33° 37' S., long. 78° 50' W.

This Notice temporarily affects the following Admiralty Chart:—Cumberland bay, No. 1344; Also, List of Lights, part VII, 1901, No. 181; South America Pilot, part II, 1895, page 441; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

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CALCUTTA, the 17th June 1901.

C. B. BAYLEY,

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 187.

[First Publication.]

CHINA—UPPER YANG TSE KIANG.

Sha sze Reach—Rock reported.

THE British Admiralty has given notice (No. 345 of 1901) that a detached rock, with a depth of 5 feet over it, and 10 to 16 feet around it, is reported to exist in the Sha sze reach, situated with the white house on the western bank bearing N. 46° W., distant 24½ cables, and Kwan yin shi joss house S. 24° W.

Approximate position, lat. 30° 14' N, long. 112° 19' E.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Chart:—*Yo chau fu to Kwei chau fu*, No. 1115: Also, *China Sea Directory*, vol. III, 1894, page 502.

E. J. BRAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 188.

[First Publication.]

CHINA—EAST COAST.

Nimrod sound—Rock reported.

THE British Admiralty has given notice (No. 346 of 1901) that a rock with a depth of 9 feet over it is reported to exist in Nimrod sound, situated with north-west point of Fern island bearing S. 15° W., distant 6 cables, and Hewett point N. 78° W.

Approximate position, lat. 29° 30½' N., long. 121° 30' E.

(Variation 2° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—*Kue Shan islands to Yang tse Kiang*, No. 1199; *Nimrod sound*, No. 1583: Also, *China Sea Directory*, vol. III, 1894, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 189.

[First Publication.]

CHINA SEA—PESCADORES ISLANDS.

Reef islands—Position of the shoals in the vicinity.

THE British Admiralty has given notice (No. 348 of 1901) that the following rocks exist in the vicinity of the Reef islands, Rover group:—

1. A rock with a least depth of 2½ fathoms over it, and 9 fathoms around, situated with the north-east extreme of Steeple island bearing N. 40° W., distant 23½ cables.

Approximate position, lat. 23° 15½' N., long. 119° 31½' E.

2. A rock with a least depth of 3 feet over it, is situated with Flat rock bearing N 55° E., distant 4½ cables.
3. A rock with a depth of 4½ fathoms over it, is situated with Flat rock bearing N. 70° W., distant 6 cables.
4. A shoal with the least depth of 4½ fathoms extends in the direction of S. 56° E. for a distance of about one mile from the outer rock off the south-eastern extreme of the Reef islands.

5. The 3-fathom contour line of Iwasaki rock extends about one cable in a south-easterly direction from the centre of the shoal.

Approximate position, lat. $23^{\circ} 19' N.$, long $119^{\circ} 30' E.$

CAUTION.—The positions of the Reef islands as shown on the chart are stated to be incorrect.

(Variation Nil in 1901.)

This Notice affects the following Admiralty Chart:—Pescadores islands, No. 1961: Also, China Sea Directory, vol. III, 1894, page 211; and Supplement, 1898, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 190.

[First Publication.]

JAPAN—SOUTH COAST.

Ura Kami harbour—Rock in approach.

THE British Admiralty has given notice (No. 349 of 1901) of the existence of a rock named Handaishi, in the approach to Ura kami harbour; it has a depth of $5\frac{1}{2}$ fathoms over it, and is situated with Kantori saki lighthouse bearing N. $21^{\circ} E.$, distant $8\frac{1}{4}$ cables, and Flat rock, N. $88^{\circ} W.$

Approximate position, lat. $33^{\circ} 34' N.$, long. $135^{\circ} 57\frac{1}{2}' E.$

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kii channel to Owasi bay, No. 951; plan of Ura kami harbour on sheet No 356: Also, China Sea Directory, vol. IV, 1894, page 236.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 191.

[First Publication.]

JAPAN, SOUTH COAST.

Omai saki—Rocks to the westward.

THE British Admiralty has given notice (No. 350 of 1901) of the existence of the following rocks westward of Omai saki:—

1. A rock, one cable in extent in a northerly and southerly direction, with a least depth of $2\frac{1}{2}$ fathoms over it, situated with Omai saki lighthouse bearing N. $89^{\circ} E.$, distant $2\frac{1}{2}$ miles, and the entrance to the stream about $\frac{1}{4}$ mile eastward of the village of Shinjo, N. $11^{\circ} W.$
2. A rock, about 2 cables in extent in a north-westerly direction, with a least depth of $3\frac{1}{2}$ fathoms over it, situated with Omai saki lighthouse bearing S. $80^{\circ} E.$ distant $2\frac{1}{10}$ miles, and the entrance of the above-mentioned stream, N. $40^{\circ} E.$

Approximate position, lat. $34^{\circ} 36' N.$, long. $138^{\circ} 10\frac{1}{2}' E.$

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kii channel to Yedo, No. 996; Omai saki to Tsurugi saki, No. 953: Also, China Sea Directory, vol IV, 1894, page 288; and Supplement, 1898, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 192.

[First Publication.]

AUSTRALIA—QUEENSLAND.

Cleveland bay—Wreck marked by buoy.

THE British Admiralty has given notice (No. 351 of 1901) that the wreck of a small steam vessel lies sunk in Cleveland bay 1½ miles N. 85° W. from Cape Cleveland.

The position of the wreck is marked by a green buoy.

Approximate position, lat. 19° 10½' S., long. 146° 59½' E.

CAUTION.—Mariners are warned that this wreck lies in the route usually taken by vessels rounding Cape Cleveland from the eastward.

(Variation 7° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—Whitsunday island to Magnetic island, No. 348; Cleveland bay, No. 1102: Also, Australia Directory, vol. II, 1898, page 301.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 193.

[First Publication.]

JAPAN—SIMONOSEKI STRAIT.

Takase shoal—Marked by light buoy.

WITH reference to Notice to Mariners No. 137, dated the 6th May 1901, issued by this office, the British Admiralty has given further notice (No. 355 of 1901) that the 3½ fathoms shoal in Simonoseki strait, now named Takase, is marked by an iron conical light buoy, painted red, exhibiting a white occulting light (light, four seconds; eclipse, two seconds), moored in a depth of 4½ fathoms, with Manaita rock beacon bearing N. 19° W., distant 5½ cables, and Naruse beacon N. 62° E.

Approximate position, lat. 33° 54½' N., long. 130° 54' E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Chart:—Hirado no sato to Simonoseki strait No. 127; Simonoseki strait, No. 532: Also, China Sea Directory, vol. IV, 1894, page 433; and Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 194.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

False Point anchorage—A sunken cargo boat.

THE Port Officer, False Point, reports that a cargo boat laden with rice has sunk to the north of False Point anchorage; a small portion only of the mast being visible at low water. A small buoy has been placed to mark the position of the wreck. It will be replaced, as soon as the weather permits, by a green painted wreck buoy. A depth of 12 feet of water was found over the wreck and 25 feet around it.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 195.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Spit light vessel replaced.

WITH reference to Notice to Mariners No. 144, dated the 11th May last, issued by this office, further information has been received from the Port Officer, Rangoon, that the Spit light vessel showing a fixed white light, visible all round the horizon at a distance of 12 miles, has been replaced; S. $58\frac{1}{4}^{\circ}$ E. magnetic, distance 2.8 miles from Elephant Point obelisk. The temporary light vessel has been withdrawn.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 171.

[Second Publication.]

AUSTRALIA—NORTH BARNARD ISLAND.

Character of the light.

THE Portmaster Brisbane has given notice (No. 9 of 1901) that in future the Light exhibited from North Barnard Island will be Fixed White, instead of the Group Flashing Light previously shown.

The Light is visible fourteen miles in clear weather between the bearings of approximately N. $\frac{1}{4}$ E. and S.E. $\frac{1}{4}$ E.

Chart affected, No. 2349; and Australia Directory, volume 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 172.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

Quilon—Black and Red buoys removed.

THE Master Attendant, Alleppey, has given notice, dated the 22nd May 1901, informing mariners that the Red and Black Buoys, marking the entrance to the Port of Quilon, have been removed, and will not be replaced until the commencement of the next shipping season.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 173.

[Second Publication.]

PACIFIC OCEAN—FIJI ISLANDS.

Caution.—Extensive bank reported to the north-eastward.

THE British Admiralty has given notice (No. 306 of 1901) that the S.S. *Manapouri* on the 7th January last, saw the bottom and obtained soundings of 13 fathoms over a distance of about 11 miles, in approximately lat. $15^{\circ} 55'$ S, long. $176^{\circ} 50'$ W.

This is near the position of the shoal reported by Captain Wilson of the schooner *Zephyr* in 1875, who stated that in lat. $15^{\circ} 58'$ S, long. $177^{\circ} 10'$ W., he saw an extensive shoal on which there was a rock awash (see Notice to Mariners No. 58 of 1876).

In June 1876, H.M.S. *Pearl*, when passing the reported position of the shoal, obtained two soundings of $5\frac{1}{2}$ fathoms at night. Sail was shortened and course altered, but almost immediately afterwards no bottom could be obtained at 12 fathoms. The position given by H.M.S. *Pearl* was lat $16^{\circ} 0'$ S, long. $176^{\circ} 6'$ W.

In 1879, Captain Carnichael of the schooner *Louisanna* reported obtaining soundings of from 15 to 17 fathoms in lat. $15^{\circ} 56' S.$, long. $176^{\circ} 56' W.$

The Zephyr shoal was searched for in 1895 by H. M. Surveying vessel *Penguin*, Commander A. Balfour, and soundings of 11 fathoms were obtained in lat. $15^{\circ} 53' S.$, long. $176^{\circ} 46' W.$, or near the position given by the S.S. *Manapouri*.

The shoaler water reported by H.M.S. *Pearl* and by the schooner *Zephyr* was not found, although the weather was somewhat rough, so that Commander Balfour was of the opinion that did such soundings exist, the sea would have been breaking over the locality.

In consequence of the above reports, Mariners are warned that much shoaler water may exist in this locality than is at present shown on the Charts.

This Notice affects the following Admiralty Charts:—Pacific Ocean, south-west sheet, No. 780; Fiji islands to Samoa islands, No. 1829; Also, Sailing Directions for the Pacific islands, Vol. II, 1900, page 237.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 174.

[Second Publication.]

CHINA SEA—BANKA STRAIT APPROACH.

Wreck eastward of Tanjong Bong disappeared.

WITH reference to Notice to Mariners No. 274, dated 28th December 1898, issued by this office, the British Admiralty has given further notice (No. 308 of 1901) that a careful search by H. N. M. surveying vessel, *Van Gogh*, having failed to find any trace of the sunken wreck reported $13\frac{1}{2}$ miles E. by S. $\frac{1}{4}$ S., from Tanjong Bong, Sumatra, and previous searches having been equally unsuccessful, it has been expunged from the charts.

Approximate position, lat. $1^{\circ} 5' S.$, long. $104^{\circ} 35' E.$

This notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941a; Banka Strait to Singapore, No. 2757; Also, China Sea Directory, vol. I, 1896, pages 401, 543; and Supplement, 1899, page 36.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 1st June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 175.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON, WEST COAST.

Masinglok port—Coral bank extending from village.

THE British Admiralty has given notice (No. 322 of 1901) of the existence of a bank of coral and sand, with depths over it of 3 fathoms and under, extending from the village of Masinglok in a south-westerly direction for a distance of 11 cables.

This bank is in the shape of a tongue, and is about 3 cables broad; its extremity is situated with the east point of Pulo Salvador bearing about south, distant 4 cables, and the north-east point of the same island, S $88^{\circ} W.$

Approximate position lat. $15^{\circ} 32\frac{1}{2}' N.$, long $119^{\circ} 55' E.$

(Variation Nil in 1901.)

This Notice affects the following Admiralty Chart:—Ports Masinglok and Mataloi, No. 945; Also, China Sea Directory, vol. II, 1899, page 317, and Eastern Archipelago, part I, 1890, page 48.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 176.

[Second Publication.]

AUSTRALIA, SOUTH—STREAKY, SMOKY, DENIAL AND MURAT BAYS.

Beacons and buoys established.

THE British Admiralty has given notice (No. 324 of 1901) that the following beacons and buoys have been established in the undermentioned bays on the south coast of Australia:—

Streaky Bay.

- (a) A red pile beacon with a ball as topmark has been erected in a depth of 6 feet on the eastern extremity of the South sand, with the house near Perlubie Point bearing East, distant 2 miles.

Approximate position, lat. $32^{\circ} 38\frac{1}{2}'$ S., long $134^{\circ} 15'$ E.

Dashwood channel, north side:—

- (b) A black buoy surmounted by a framework and diamond has been moored in a depth of 4 fathoms, with Cape Bauer bearing S. 24° W., distant $8\frac{7}{10}$ miles, and Brown Point, N. 80° W.
(c) A black buoy surmounted by staff and diamond has been moored in a depth of 3 fathoms, with Cape Bauer bearing S. 34° W., distant $9\frac{3}{10}$ miles, and red beacon on South sand, S. 60° E.

Dashwood channel, south side:—

- (d) A red buoy surmounted by staff and ball has been moored in a depth of 4 fathoms, with Cape Bauer bearing S. 20° W., distant $7\frac{8}{10}$ miles, and De Mole point, N. 50° W.
(e) A red buoy surmounted by staff and ball has been moored in a depth of 3 fathoms, with Cape Bauer bearing S. 38° W., distant $9\frac{3}{10}$ miles, and De Mole point, N. 60° W.

There is a depth of 3 fathoms throughout this channel at L.W.O.S.

Smoky Bay.

Waterwitch channel, north side:—

- (a) A black buoy surmounted by staff and diamond has been moored in a depth of $3\frac{1}{2}$ fathoms, with Cape d'Estree bearing N. 20° E., distant $2\frac{7}{10}$ miles, and Saddle Peak, N. 87° E.

Approximate position, lat. $32^{\circ} 18\frac{3}{4}'$ S., long. $133^{\circ} 44'$ E.

- (b) A black buoy surmounted by staff and diamond has been moored in a depth of 3 fathoms, with west point of Eyre island bearing S. 10° E., distant $3\frac{8}{10}$ miles, and Saddle peak, S. 88° E.

Waterwitch channel, south side:—

- (c) A red buoy surmounted by staff and ball has been moored in a depth of $3\frac{1}{2}$ fathoms, with Cape d'Estree bearing N. 20° D., distant $3\frac{4}{10}$ miles, and mount Younghusband, N. 56° W.
(d) A red buoy surmounted by staff and ball has been moored in a depth of 3 fathoms, with the western end of Eyre island bearing S. 8° E., distant 3 miles, and Saddle peak, N. 84° E.

Denial Bay.

Yatala channel, north side:—

- (a) A black buoy surmounted by staff and diamond has been moored in a depth of $2\frac{1}{2}$ fathoms with cape Vivonne bearing S. 68° E., distant $2\frac{1}{2}$ miles, and Cape Thevenard, N. 5° E.

Yatala channel, south side:—

- (b) A red buoy surmounted by staff and ball has been moored in a depth of 3 fathoms with Bird rock bearing N. 68° E., distant about 8 cables.

This channel has a depth of $2\frac{1}{2}$ fathoms throughout.

Murat Bay.

The north end of the spit at the entrance to this bay has been marked by black leacon with diamond topmark erected in a depth of 6 feet. It has been placed on the chart with Daphne rock bearing S. 62° E., distant 8 cables.

Approximate position, lat. $32^{\circ} 9\frac{1}{2}'$ S., long. $133^{\circ} 38'$ E.

(Variation 3° Easterly in 1901.)

This notice affects the following Admiralty Chart:—Plans on sheet, No. 1061: Also Australia Directory, Vol. I, 1897, pages 141, 136, 130, 132.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 177.

[Second Publication.]

AFRICA, NORTH-EAST COAST—RED SEA—SAWAKIN.

Starkey patch—Particulars and position.

THE British Admiralty has given notice (No. 325 of 1901) that information has been received from the Eastern Telegraph Company that their S.S. *Chiltern*, commanded by Mr. J. W. Starkey, has reported a coral head, now named Starkey patch, on which was obtained, in April 1899, a depth of $3\frac{1}{2}$ fathoms situated in the approach to Sawakin in a position N. N. E. $\frac{1}{2}$ E., distant $4\frac{1}{2}$ miles from Chiltern patch, in lat. $19^{\circ} 7' 20''$ N., long. $37^{\circ} 53' 55''$ E.

(Variation 4° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Red Sea, No. 80; Mersa Durar to Trinkitat, No. 81: Also Red Sea, &c., Pilot, 1900, page 170.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 178.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES, EAST COAST.

Nipa Nipa (Lasolo) Bay—Reefs reported—Particulars of others.

THE British Admiralty has given notice (No. 327 of 1901) of the existence of the following reefs in Nipa Nipa or Lasolo Bay:—

- (a) A reef about 200 yards in diameter, with a depth of 2 fathoms over it, in approximately lat. $3^{\circ} 45'$ S., long. $122^{\circ} 30\frac{1}{2}'$ E. This reef, which is circular in form, steep-to, and distinguished by discoloration of the water, is situated about 400 yards within the 100-fathom contour line of soundings.
- (b) The reef in approximately lat. $3^{\circ} 39'$ S., long. $122^{\circ} 24'$ E., and marked D on the chart, is correctly placed, and has a depth of 4 feet over it, with soundings of 20 to 25 fathoms around it.
- (c) The reef in approximately lat. $3^{\circ} 33'$ S., long. $122^{\circ} 28\frac{1}{2}'$ E., has a depth of 7 feet over it; it is about 400 yards long, in an easterly and westerly direction, and 200 yards broad. Depths of 20 to 25 fathoms surround it.
- (d) A reef with a depth of 6 feet over it, 500 yards long, in a north-westerly and south-easterly direction, and 200 yards broad, is situated in approximately lat. $3^{\circ} 30\frac{1}{2}'$ S., long. $122^{\circ} 28\frac{1}{2}'$ E.
- (e) A fairly extensive reef, with a depth of 10 feet over it, is situated about $1\frac{1}{2}$ miles south-eastward of the north point of Haans Island in line with Labengki Peak, in approximately lat. $3^{\circ} 29'$ S., long. $122^{\circ} 30'$ E. Between the last two-mentioned reefs, depths exceeding 50 fathoms were obtained.

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also, Eastern Archipelago, Part II, 1893, page 360; and Supplement, 1899, page 57.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 179.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA—SURABAYA STRAIT, NORTHERN APPROACH.

Panka Point—Buoy established.

THE British Admiralty has given notice (No. 329 of 1901) that a red nun buoy, surmounted by a staff and ball, has been moored to mark the extremity of the bank extending off Panka Point; it is situated with Panka Point bearing S 15° E., distant $3\frac{3}{10}$ miles, and Malang Hill (459 ft.), S. 56° W.

Approximate position, lat. 6° 52' S., long. 112° 33' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*Island of Java*, No. 1654; *Surabaya Strait*, No. 934; Also, *Eastern Archipelago*, Part II, 1893, page 140; and Supplement, 1899, page 13.

E. J. BEAUMONT, COMDR., R.I.M.,

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C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 180.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Sacramento shoal temporary light.

WITH reference to Notice to Mariners No. 156, dated the 20th May 1901, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 28 of 1901) that the temporary light which is exhibited from the mainland opposite the Sacramento Shoal has been removed to a spot 500 yards east of its former position.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

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CALCUTTA, the 5th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 181.

[Second Publication.]

INDIA, WEST—GOA COAST.

Aguada light—Temporarily altered.

WITH reference to Notice to Mariners No. 90, dated the 2nd April last, issued by this office, the British Admiralty has given notice (No. 313 of 1901) that Aguada light will show *white fixed* until further Notice, in consequence of repairs being required to the revolving light

Approximate position, lat. 15° 29' N., long. 73° 46' E.

This Notice temporarily affects the following Admiralty Chart:—*Achra river to cape Ramas*, No. 740; Also, *List of Lights*, part VI, 1901, No. 253; and *West Coast of Hindustan Pilot*, 1898, page 164.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

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CALCUTTA, the 5th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 182.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 169, dated the 25th May 1901, issued by this office, the President, Marine Board, Port Adelaide, informs that the Lightship will be replaced on Middle Bank on or about the 8th May 1901 (*see No. 15 of 1901*).

Pending execution of repairs, and until further notice, an Ordinary Riding Light will be exhibited in lieu of the light previously used.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 183.

[Second Publication.]

AUSTRALIA, SOUTH—CAPETOWN AND THE GRANGE.

Telegraph cable laid.

THE President, Marine Board, Port Adelaide, has given notice (No. 16 of 1901) informing Masters of vessels and others that pending operations a Buoy marking the end of the Telegraph Cable has been laid between Capetown and the Grange, South Australia. It has been placed in a position W. $\frac{1}{4}$ N. from Cape Borda, distant twenty-four miles, in lat., 35° 42' 30" S., long. 136° 6' 45" E.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 184.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island light.

WITH reference to Notice to Mariners No. 343, dated 29th December 1900, issued by this Office, it is further notified that on and after the 1st August 1901, the present light on Shortt's island will be replaced by a fixed white light exhibited from a mast, 61 feet above high water, visible in all directions seaward, at a distance of 13 miles.

This Notice affects the following Admiralty Charts:—Coconada to Bassein river, No. 829; The Sandheads, &c., No. 814; Dhamra river, No. 754; Also, List of Lights, part VI, 1901, Nos. 343 and 344; Bay of Bengal Pilot, 1892, page 176.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 10th June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO
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WEDNESDAY, JUNE 26, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 196.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 182, dated the 10th instant, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 17 of 1901) that the lightship has been replaced on Middle Bank, and that the usual light will hereafter be exhibited.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 22nd June 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 197.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

Harnai—Red occulting light re-exhibited.

THE Bombay Government has given notice (No. 45 of 1901) that the red occulting light at Harnai has been re-exhibited from 15th May 1901.

This Notice affects the following Admiralty Charts:—Karachi to Vengurla, No. 826; Gulf of Kutch to Vizadurg, No. 2736; and Kundari to Boria Pagoda, No. 738: Also, Light List, Part VI, 1901, No. 242a.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[Second Publication.]

PACIFIC OCEAN—SANDWICH ISLANDS.

Honolulu harbour—Construction of a sewage pier.

THE British Admiralty has given notice (No. 342 of 1901) that a wooden pier for carrying the sewage of the town to the sea is being constructed on the eastern side of the entrance to Honolulu harbour.